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From: Christopher English
Sent: Fri 6/17/2022 10:19:35 PM
Subject: June 2022 TDP additional animal
Received: Fri 6/17/2022 10:20:00 PM

Hello all,

We have a clinical needs case being added for next week.

6/22/22 10:30 AM.

Z14331 M.n. Female, 7yr 8mo, 5.2kg.

Animal has enlarged spleen/liver and chronic diarrhea.

Please send requests if you want to collect.

***Please note change in euthanasia method. Animal will be exsanguinated via cardiac perfusion with Artificial CSF prior to organ removal to preserve Brain function. Lower descending vena cava and aorta will be clamped to limit solution to upper portion of the body. No physiological changes should be seen in other organs, and effects should be even less than typical pentobarbital euthanasia. I can provide solution mix of the ACSF and pathology team is available to discuss any questions or concerns.**

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

To: Megan L Jutras[mljutras@uw.edu]
From: Rita U Bellanca
Sent: Tue 7/6/2021 4:47:58 PM
Subject: RE: end date scheduled
Received: Tue 7/6/2021 4:48:08 PM

Thank you very much Megan- I'll send an endpoint notification out.

Rita

From: Megan L Jutras <mljutras@uw.edu>
Sent: Tuesday, July 6, 2021 9:40 AM
To: Rita U Bellanca <rbell@uw.edu>
Cc: Kelly Morrisroe <morrisro@uw.edu>; Sierra (s.a.schleufer@hotmail.com) <s.a.schleufer@hotmail.com>
Subject: end date scheduled

Hi Rita,
The end date for A13013 and A13283 has been scheduled for 7/26.

Spock and Gromit have provided invaluable insight into the mechanisms of learning and memory during their many years with the lab. In addition to the diverse and often complex tasks they have learned and mastered over the years, they have been a source of significant training opportunities for lab members as we navigated their unique personalities.

*Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
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To: Christopher English[cne676@uw.edu]; WaNPRC Necropsy[necropsy@uw.edu]; Necropsy Program[necropsy@wanprc.org]; RSG Group[RSG@wanprc.org]; Dennis M Dacey[dmd@uw.edu]; Steve I. 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Cc: matthew.thomas (matthew.thomas@covance.com)[matthew.thomas@covance.com]; Josefin Koehn[jkoehn@uw.edu]; wanprc_rssarcf@uw.edu[wanprc_rssarcf@uw.edu]; Strongin, Daniel E[dstrongi@fredhutch.org]; Jerome MD PhD, Keith R[kjerome@fredhutch.org]; Sandra Dross[sdross@uw.edu]; Allyse Mazzarelli[Allyse.Mazzarelli@sana.com]; Mark C Fernandez[markf2@uw.edu]; Josefin Koehn[jkoehn@uw.edu]; Eliza Curnow[rbg2@uw.edu]; stuck@morairmedtech.com[stuck@morairmedtech.com]; kelly.martins@pennmedicine.upenn.edu[kelly.martins@pennmedicine.upenn.edu]; Krystle Yu[krystleq@uw.edu]; Mohau S Makatsa[makatsa@uw.edu]; Shane D. Gibson[sgibso@uw.edu]; Kristina Adams Waldorf[adamsk@uw.edu]; Orvis, Austyn[austyn.orvis@seattlechildrens.org]; Jonathan An[joyan@uw.edu]; Devine, Nina Derby[Nina.Derby@seattlechildrens.org]; Edward Callaway[callaway@salk.edu]; Brian Lee[brianle@alleninstitute.org]; Soumya Chatterjee[soumyac@alleninstitute.org]; Carrie Rocca [carrie.rocca@sana.com][carrie.rocca@sana.com]; Melissa R. Berg[mberg3@uw.edu]; Michelle Reniere[reniere@uw.edu]; crhalsey[crhalsey@uw.edu]; Eichholz, Karsten[keichhol@fredhutch.org]; Joseph Ecker[ecker@salk.edu]; Daisy Nakamura[daisy.nakamura@sana.com]; Stephanie Seeman[stephanies@alleninstitute.org]; Claudia Moreno[morenocm@uw.edu]; Steven M. Padilla[smpadill@uw.edu]; Thomas Long[thomasl@shapetx.com]; Brian Kalmbach[briank@alleninstitute.org]; Kimberly M. Alonge[kalonge@uw.edu]; Brenna Menz[bmenz@uw.edu]; Wang, Li[Li.Wang@ucsf.edu]; Mohau S Makatsa[makatsa@uw.edu]; Shena Geisinger[shena.geisinger@umoja-biopharma.com]; Yvonne Cosgrove Sweeney[ytcs@uw.edu]; Laami K. Aguila[laarni11@uw.edu]; Gwen Wood[gwenwood@uw.edu]; Claire N Levy[clairel@uw.edu]; howardustin@gwu.edu[howardustin@gwu.edu]; Paul Meyers[paul@shapetx.com]; wanprc_endpoint@uw.edu[wanprc_endpoint@uw.edu]
From: Christopher English
Sent: Mon 2/7/2022 9:41:51 PM
Subject: Feb 2022 TDP
Received: Mon 2/7/2022 9:42:31 PM
[Feb 2022 TDP.doc](#)
[tissue request.doc](#)

Hello all,

Please see Feb 2022 TDP

Please note any disclaimers on Animal ID's for surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

Feb 2022

Tissue Distribution Program National Primate Research Center

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

<i>Date</i>	<i>Day</i>	<i>Starting Time</i>	<i>Animal ID</i>	<i>Species</i>	<i>Sex</i>	<i>Age (yrs)</i>	<i>Weight (kg)</i>	<i>Room #</i>
2/23/22	Wed.	12:30PM	(*) A21187	<i>M.mulatta</i>	F	7yr 10mo	5.0kg	I029-D2

*Animal will go to Practice Surgery

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**

Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

PRIMATE TISSUE REQUEST

National Primate Research Center
University of Washington

Investigator: _____	<table border="1"><tr><td>Necropsy Date</td><td>Species Requested</td></tr><tr><td>_____</td><td>☐ Macaca fascicularis</td></tr><tr><td>_____</td><td>☐ Macaca mulatta</td></tr><tr><td>_____</td><td>☐ Macaca nemestrina</td></tr><tr><td>_____</td><td>☐ Papio cynocephalus</td></tr></table>	Necropsy Date	Species Requested	_____	☐ Macaca fascicularis	_____	☐ Macaca mulatta	_____	☐ Macaca nemestrina	_____	☐ Papio cynocephalus
Necropsy Date		Species Requested									
_____		☐ Macaca fascicularis									
_____		☐ Macaca mulatta									
_____	☐ Macaca nemestrina										
_____	☐ Papio cynocephalus										
Title: _____											
Address: _____											

Email: _____	Phone: _____	FAX: _____									
Other Informed Person: _____	Phone: _____										
Title: _____	Email: _____										
Type of specimen: _____											
Minimum Required: _____	Maximum Usable: _____										
Number of Samples Needed: _____											
Planned Research: _____											

Handling of Specimens:

Ketamine or Telazol/Sodium Pentobarbital Anesthesia: ☐ Will Distort Results ☐ Will Not Distort Results

Sterility: ☐ Important ☐ Relatively Unimportant

Tissue: ☐ Fresh ☐ Frozen (-70°C) ☐ 10%Formalin

☐ Special Medium or Fixative: _____

Other Instructions or Attached Protocol ☐: _____

Delivery ☐ No Ice ☐ Wet Ice ☐ Dry Ice ☐ Pick up at Primate Center

☐ Federal Express ☐ Airborne ☐ Other: _____

FedEx/Airborne Account No: _____

Shipping Address: ☐ As above or: _____

Method of Payment: ☐ Invoice ☐ PO # _____ PG/PJ: _____

Funding Source: ☐ NIH ☐ Other _____ Budget #: _____

Billing Address: ☐ As above or: _____

BIOHAZARD SAFETY CONSIDERATION: I recognize that even though material will be obtained from animals free of clinical signs of disease, or with no gross lesions of disease at necropsy, the specimens may contain infectious agents communicable to humans. All specimens should be handled as though they contain agents infectious to humans.

Signature: _____ Date: _____

Send as an attached email to: necropsy@wanprc.org or mail to:

Tissue Program Coordinator
National Primate Research Center, Box 357330
University of Washington
Seattle, WA 98195

Phone: (206) 616-1708
FAX: (206) 616-1710

For each specimen, indicate the minimum weight or volume that would assure your research effort, and the maximum weight or volume beyond which tissue would be wasted.

UW staff obtaining NHP tissue must have approval from the EH&S Research and Biological Safety Office before receiving any tissue from this protocol/program. The purpose of the biosafety review is to ensure that potentially biohazardous materials are handled safely from start to finish. The EH&S RBSO will review both your laboratory operation procedures and Principal Investigator and staff training that is related to work with biohazards including all recombinant DNA. Submitting the BUA Application will register your research with the IBC and EH&S RBSO and initiate the Biological Use Authorization process. For more information go to: <http://www.ehs.washington.edu/rbsresplan/bua.shtml>

Please send current approval with your next tissue request for our files.

To: Christopher English[cne676@uw.edu]; Jesse C. Day[jessed10@uw.edu]
Cc: 'Jon'[jrueckemann@gmail.com]; Britni C. Curtis[britcurt@uw.edu]
From: Megan L Jutras
Sent: Mon 6/28/2021 8:42:04 PM
Subject: RE: TDP request and surgery
Received: Fri 10/14/2022 2:16:00 PM

I will need a few dates options since we have a number of PI's interested in observing the brainsight surgery technology in action. We may also want to assume a longer surgery time (no necropsy) in case we need to repeat the training/demo of the equipment more than once during the same surgical procedure to accommodate all the interested PI's.

Thanks!

From: Christopher English <cne676@uw.edu>
Sent: Monday, June 28, 2021 12:34 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>; Britni C. Curtis <britcurt@uw.edu>
Subject: RE: TDP request and surgery

Hi,

Sorry I forgot I hadn't given you the second ID. A17113 is available for the MRI/August TDP procedure. Britni, August is pretty flexible on my end. Is there an ideal date we can do a TDP practice surgery (normal 4.5 hour time)

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Monday, June 28, 2021 10:49 AM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

I have surgery booked on 7/20 for this TDP animal (A17117).

Where are we with other paperwork? Since the procedure will likely take longer than the tissue cut off time, we will pay the federal rate cost of the animal- I believe this was ~1k?

There will be no necropsy necessary.

Let me know what else you guys need to finalize this-

Megan

From: Christopher English <cne676@uw.edu>
Sent: Thursday, June 17, 2021 12:17 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

That's fine, looks like I won't be needed. If there is no samples needed from you guys I'll just have Sandi bag it and put it in the freezer when you're done.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, June 17, 2021 12:13 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

I have tentatively put in a surgery request on the calendar for Tuesday 7/20. Does that date work?

Once I confirm that date works for everyone I can complete whatever paperwork you guys need.

From: Christopher English <cne676@uw.edu>
Sent: Thursday, June 17, 2021 11:41 AM
To: Jesse C. Day <jessed10@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

A17117, M.m. Male 7yr 1mo. 9.6kg.

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, June 17, 2021 11:37 AM
To: Christopher English <cne676@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

I think that should be fine if it's not already slated for something else.

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

*The WaNPRC is supported by grant P51 OD010425 from the NIH Office of Research Infrastructure Programs.
Please help us continue to support your research by citing our grant number in publications.*

From: Christopher English <cne676@uw.edu>
Sent: Thursday, June 17, 2021 11:31 AM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

Sorry I'm going backwards through my emails.

No we would have to sell you one from the list, we wanted to try our drill out that day and originally had other procedures the new Vets needs to practice. Plus tissues already sold.

Jesse do we have any other candidates for this coming up? I suppose we could use the last Kiem return and give them that one?

Megan it's a Rhesus though.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Wednesday, June 16, 2021 4:27 PM
To: Jesse C. Day <jessed10@uw.edu>; Christopher English <cne676@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: TDP request and surgery

Hi all,
Jon mentioned that he had discussed a TDP animal on 7/1. Is that animal still available for a surgery?
Since this procedure is still very new, it is difficult to know if we can fit it into the limited TDP time window, could we possibly purchase the entire animal that day?
Thanks!
Megan

*** NOTE: please update contact lists and accounts with my new email address mljutras@uw.edu,

Email sent to megan.jutras@wanprc.org will no longer be received

Megan Jutras

University of Washington

WaNPRC Buffalo Lab

206-616-2561

mljutras@uw.edu

To: Christopher English[cne676@uw.edu]
From: Megan L Jutras
Sent: Mon 5/23/2022 10:52:40 PM
Subject: RE: perfusion request
Received: Fri 10/14/2022 2:16:01 PM

I will confirm on the saline/no saline question and let you know.

I will collect as soon as you are finished so give a rough ETA when you know it. There is a headpost on the skull but it is not relevant to the team collecting the brain so it can be removed with the rest of the skull. They do care about cortex so whatever you can do to minimize damage while removing the tissue would be appreciated.

Thanks!

From: Christopher English <cne676@uw.edu>
Sent: Monday, May 23, 2022 3:06 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: Re: perfusion request

Ya I think we got everything covered....I guess we could specify something.....I'm not handing off Brain to anyone, do you just want me to float it in saline on ice once I've removed it, or just on ice in a container/no saline?

Is there any hardware or specific Brain area I'm avoiding with the saw?

I can get everything else, and it looks like just handing off to you correct? I'll ship the remainder of the CSF for Michele

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Monday, May 23, 2022 2:53 PM
To: Christopher English <cne676@uw.edu>
Subject: RE: perfusion request

You cool with everything else for tomorrow? Let's collect what the brain group needs first before we fulfill Michele's CSF request.

Thanks,

Megan

From: Christopher English <cne676@uw.edu>
Sent: Monday, May 23, 2022 2:49 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: Re: perfusion request

Nope, much appreciated. I dont even have a start time yet so we will see if they can even make it.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Monday, May 23, 2022 2:45 PM
To: Christopher English <cne676@uw.edu>
Subject: RE: perfusion request

Sorry, hope it's not too late to let you know, you can sell eyes.

From: Christopher English <cne676@uw.edu>
Sent: Friday, May 20, 2022 4:29 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: Re: perfusion request

Wed is booked with a C-section, fetal/dam intensive double Nx which takes most of the day. Its a flu infected animal, not a great day overall with the room turnover/cleanup.

Tuesday I have one up in the air for morning or afternoon, we could do it on the opposite side of wherever that lands.

Thursday I have TDP at 10:30, should be done and room turned over around noon.

I can get blood and CSF prior to Nx, no worries. Just need to know tube types and volume.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, May 20, 2022 1:45 PM
To: Christopher English <cne676@uw.edu>
Subject: perfusion request

Hi Chris,

We will need to schedule necropsy and a saline-only perfusion for A18057 next week, what is your availability on Wednesday 5/25? Also, we will likely need blood and CSF collected before the euthanasia drugs are administered, can you do that or should I schedule that with RSS separately?

Thanks,

Megan

Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
mljutras@uw.edu

To: Christopher English[cne676@uw.edu]; Jon Rueckemann[jrueckemann@gmail.com]
Cc: Michael J. Jutras[mjutras@uw.edu]
From: Megan L Jutras
Sent: Wed 11/10/2021 5:29:26 PM
Subject: RE: end date
Received: Fri 10/14/2022 2:15:52 PM

I didn't check in with Jon yesterday- did he bring you Para?

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, November 10, 2021 8:53 AM
To: Jon Rueckemann <jrueckemann@gmail.com>; Megan L Jutras <mljutras@uw.edu>
Cc: Michael J. Jutras <mjutras@uw.edu>
Subject: RE: end date

Good Morning,

Just double checking on Para. I'll be in the lab here out/sedating soon to get blood sold on this animal (thanks!).

Text/Call my cell to get a hold of me. 425-444-4212

-Chris

From: Jon Rueckemann <jrueckemann@gmail.com>
Sent: Friday, October 29, 2021 2:08 AM
To: Megan L Jutras <mljutras@uw.edu>
Cc: Christopher English <cne676@uw.edu>; Michael J. Jutras <mjutras@uw.edu>
Subject: Re: end date

Minor edit: we'll provide paraformaldehyde

On Thu, Oct 28, 2021 at 4:02 PM Megan L Jutras <mljutras@uw.edu> wrote:

Hi Chris,

We would like to schedule a euthanasia date for A16226. What is your availability for the week of 11/8?

This would be a perfusion with formalin and decap.

thanks,

Megan

--

Jon Rueckemann, Ph.D.
Research Assistant Professor
University of Washington School of Medicine
Department of Physiology and Biophysics

To: Christopher English[cne676@uw.edu]; Jesse C. Day[jessed10@uw.edu]
Cc: adg124[adg124@uw.edu]; 'Jon'[jrueckemann@gmail.com]
From: Megan L Jutras
Sent: Mon 11/22/2021 5:45:24 PM
Subject: RE: Z17049
Received: Fri 10/14/2022 2:16:04 PM

We can find a day that works for you. Thanks for the heads up.

From: Christopher English <cne676@uw.edu>
Sent: Monday, November 22, 2021 9:09 AM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: adg124 <adg124@uw.edu>; 'Jon' <jrueckemann@gmail.com>
Subject: RE: Z17049

That should work, I'm gonna be using up the rest of my paternity leave Jan/Feb and a bit of March, but my MIL covers some Mondays. Would the 28th of Feb work by chance?

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, November 19, 2021 4:04 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: adg124 <adg124@uw.edu>; 'Jon' <jrueckemann@gmail.com>
Subject: Z17049

Hi all,
Just checking in about Z17049. The virus we plan to use in the scheduled surgery on 12/1 will need a follow up injection (surgical procedure) about 8 weeks after the first surgery. The sac date would be ~ 2-3 weeks following the second surgical injection. This puts the nx timeline for this animal at about 3/1 – just making sure that timeline is ok.
Thanks,
Megan

Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
mljutras@uw.edu

To: Rita U Bellanca[rbell@uw.edu]
From: Megan L Jutras
Sent: Wed 7/21/2021 6:19:48 PM
Subject: end date adjustment
Received: Fri 10/14/2022 2:15:56 PM

Hi Rita, we had to shift A13283 end point to 7/27 (Tuesday) to accommodate Chris's schedule. A13013 will still go on 7/26.

Thanks,

Megan

*Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
mljutras@uw.edu*

To: Christopher English[cne676@uw.edu]; WaNPRC Necropsy[necropsy@uw.edu]; Necropsy Program[necropsy@wanprc.org]; RSG Group[RSG@wanprc.org]; Dennis M Dacey[dmd@uw.edu]; Steve I. Perlmutter[perl@uw.edu]; Farrel R. 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From: Christopher English
Sent: Mon 11/15/2021 8:06:10 PM
Subject: November 2021 TDP
Received: Mon 11/15/2021 8:08:11 PM
[tissue_request.doc](#)
[November 2021 TDP.doc](#)

Hello all,

Please see November 2021 TDP.

Please note any disclaimers on Animal ID's for surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

November 2021

Tissue Distribution Program National Primate Research Center

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

<i>Date</i>	<i>Day</i>	<i>Starting Time</i>	<i>Animal ID</i>	<i>Species</i>	<i>Sex</i>	<i>Age (yrs)</i>	<i>Weight (kg)</i>	<i>Room #</i>
11/22/21	Mon.	10:00AM	Z14237	<i>m.nemestrina</i>	M	7yr 5mo	12.0kg	I-089B-A2

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**
Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

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Subject: April 2022 TDP REVISED
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Hello all,

Please see April TDP Revised. Please note time changes as well as animal changes.

Please note any disclaimers on Animal ID's for surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

*Please note change in euthanasia method. Animal will be exsanguinated via cardiac perfusion with Artificial CSF prior to organ removal to preserve Brain function. Lower descending vena cava and aorta will be clamped to limit solution to upper portion of the body. No physiological changes should be seen in other organs, and effects should be even less than typical pentobarbital euthanasia. I have attached the solution mix of the ACSF and pathology team is available to discuss any questions or concerns.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

April 2022 Revised*

Tissue Distribution Program National Primate Research Center

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

<i>Date</i>	<i>Day</i>	<i>Starting Time</i>	<i>Animal ID</i>	<i>Species</i>	<i>Sex</i>	<i>Age (yrs)</i>	<i>Weight (kg)</i>	<i>Room #</i>
4/6/22	Wed.	10:30AM	(#) K06239	<i>M.nemestrina</i>	F	15yr 6mo	7.8kg	I023-I2
4/12/22	Tues.	11:30AM	(*)(#) Z18103	<i>M.nemestrina</i>	M	3yr 11mo	3.25kg	I031-B2
4/20/22	Wed.	11:30AM	(*)(#) Z18121	<i>M.nemestrina</i>	M	3yr 10mo	3.65kg	I031-B2
4/26/22	Tues.	11:30AM	(#) Z18199	<i>M.nemestrina</i>	F	3yr 5mo	4.2kg	RR156-C2

*Animal is Valley Fever Positive

Animal will go to practice surgery.

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**

Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

To: Christopher English[cne676@uw.edu]; Jesse C. Day[jessed10@uw.edu]
From: Megan L Jutras
Sent: Thur 4/8/2021 9:11:55 PM
Subject: Re: TDP surgery on May 5th
Received: Fri 10/14/2022 2:16:01 PM

We will keep start time at 8:30 (as originally scheduled). It is hard to estimate time since this procedure is all so new, but I would say by 2pm is likely.

From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 1:20 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Ok, Megan Britni doesn't want to change the start time but can go later. What do you guys think for estimated stop time?

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, April 8, 2021 12:41 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Sorry, lots of weird autocorrect in that last sentence.

We will buy this animal at the Federal rate for surgery on 5/5. Jesse, let me know what paperwork to complete. Thanks!

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, April 8, 2021 12:16 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Thanks guys. We week but this animal at the Federal rate. Let me know what paperwork I need to do. Thanks

From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 10:53 AM
To: Jesse C. Day <jessed10@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Subject: Re: TDP surgery on May 5th

Yes Federal

-Chris

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, April 8, 2021 10:46 AM
To: Christopher English <cne676@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Subject: RE: TDP surgery on May 5th

An animal for a TDP surgery is \$900.67 – this is federal rate, right? It's \$1,787.87 for non-fed, FYI.

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center

(206)616-0154
jessed10@uw.edu

*The WaNPRC is supported by grant P51 OD010425 from the NIH Office of Research Infrastructure Programs.
Please help us continue to support your research by citing our grant number in publications.*

From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 10:31 AM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Hey Jesse,

Megan might need a longer day for the procedure that would go outside the TDP limits. How much for them to purchase Z14064.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, April 8, 2021 10:21 AM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

What's the cost to buy, trying to stay economical

From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 9:45 AM
To: Megan L Jutras <mljutras@uw.edu>
Subject: Re: TDP surgery on May 5th

Again this is the grey area, cutoff is 12:30 to make sure I can make it to shipping at 1 or DLX to VI&C so they get samples at a decent time, this also depending on what I sell, animal isn't posted yet. You guys sure you don't want to just buy the animal so you can have the longer day?

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Wednesday, April 7, 2021 3:20 PM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

I don't know anything about the CT yet. If you are sure the eye guys won't need this animal, we can probably start at 8 instead. I'll check with Britni. What's the hard stop time so you can get the tissue out?

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, April 7, 2021 3:02 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: RE: TDP surgery on May 5th

Possibly? Can you guys start earlier? I'm possibly overnighting samples to Boston and the dropoff is 1pm (I'll probably be pushing that)

How long does this CT take?

-Chris

From: Megan L Jutras <mljutras@uw.edu>

Sent: Wednesday, April 7, 2021 2:52 PM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

It will probably be Jon leading (Beth and our new post-doc Sofia Landi will also scrub in) and AJ Mallory and I will assist (AJ may scrub in since he will be handling the probes).

thanks for letting me know about the eyes.

Any chance we can go past 12:30? We are hoping to use the Murray CT scanner to see if we can visualize these electrodes in the brain after we've implanted.

thanks, as usual, for being awesome at coordinating all this mess-
Megan

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, April 7, 2021 2:47 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: RE: TDP surgery on May 5th

Great,

Is Beth the only surgeon or will Jon/someone else be there too?

I can just get the eyes at the end to maximize the time for you guys. They actually probably won't even want them since they can collect off Gregs animal that morning.

Thanks Megan!

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Wednesday, April 7, 2021 2:33 PM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

Hi Chris,

Our surgery on the 5th is an electrode implant technique practice with some new probes. We will need all the time we can get! The eyes can be sold as long as they are removed before we begin (our incision time is 8:30, we will need to stereotax about 8). We will have 1-2 small craniotomies with a chamber and protruding electrode. I believe the plan is for a decap.

Let me know what else you need.

Megan

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, April 7, 2021 2:25 PM
To: Jonathan Ting <JonathanT@alleninstitute.org>
Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jon W Rueckemann <jwrueck@uw.edu>
Subject: RE: TDP surgery on May 5th

Jon 10:30 will work.

-Chris

From: Jonathan Ting <JonathanT@alleninstitute.org>
Sent: Wednesday, April 7, 2021 12:47 PM
To: Christopher English <cne676@uw.edu>
Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jon W Rueckemann <jwrueck@uw.edu>

Subject: Re: TDP surgery on May 5th

Hi All

The main issue I have is that I want to be present for necropsy and dissections of this monkey, but I am giving a seminar 9-10am that morning. That was why I set the necropsy start for 10:30am. Unfortunately I can't change the seminar time, but I can possibly just send my team for a 10am necropsy and have them bring the whole intact brain back to Allen. It's a little risky since we hope to do ephys on one or more sites. Ideally I would dissect the regions in the necropsy room and oxygenate the blocks on return to Allen as we usually do.

I could move our necropsy to May 6 10am if that is possible/available

Jonathan

Sent from my iPhone

On Apr 7, 2021, at 12:27 PM, Christopher English <cne676@uw.edu> wrote:

?

CAUTION: This email originated from outside the Allen Institute. Please do not click links or open attachments unless you've validated the sender and know the content is safe.

Actually yes!

Sorry I talked to Greg this morning at MRI, this is a decap procedure (thought it was a perfusion). So we should be able to handle both if Allen institute can accommodate.

Jon Ting- Can you collect earlier that day, maybe 10-11?

Jon R/Bufalo Lab, can you send me more surgery details, I've attached what's scheduled right now on the services site, it's just the basics..... I think I have an animal from Jesse so I can update that soon and add that in there.

-Chris

From: Elizabeth A. Buffalo <ebuffalo@uw.edu>

Sent: Wednesday, April 7, 2021 10:06 AM

To: Christopher English <cne676@uw.edu>

Cc: Megan L Jutras <mljutras@uw.edu>

Subject: RE: TDP surgery on May 5th

Hi Chris,

It looks like Greg is not able to move his Nx, and unfortunately, we are having trouble finding another open surgery day that works with our schedules. Since we will be doing a surgery with the TDP, and Greg is just doing a brain extraction, is there any chance you would have time to do both on 5/5? Feel free to call if it would be helpful to discuss: 206-543-1432 or cell (404-272-6173).

Thanks,
Beth

Elizabeth A. Buffalo, PhD

<image001.png>

Professor and Chair

Department of Physiology and Biophysics | **University of Washington School of Medicine**
Interim Associate Director for Research | **Washington National Primate Research Center**

1705 NE Pacific St | Box 357290 | Seattle, WA 98195

OFFICE: 206.543.1432

EMAIL: ebuffalo@uw.edu WEB: buffalomemorylab.com

LAB MANAGER: Megan Jutras | EMAIL: mljutras@uw.edu PHONE: 206.616.256

ASSISTANT TO THE CHAIR: Jon Cimuchowski | EMAIL: jonc@uw.edu PHONE: 206.685.0519

DEPARTMENT ADMINISTRATOR: Julia Lawrence | EMAIL: juliak2@uw.edu PHONE: 206.685.9406

From: Christopher English <cne676@uw.edu>

Sent: Monday, April 5, 2021 12:15 PM

To: Jon W Rueckemann <jwrueck@uw.edu>; WaNPRC Necropsy <necropsy@uw.edu>

Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>; Britni C. Curtis <britcurt@uw.edu>

Subject: RE: TDP surgery on May 5th

Hi all,

Just back today and catching up today as well. Per convo I had with Britni this morning, the 5th was looked at, sounds like Audrey B booked a research Nx with Greg H while it was still under consideration with your lab and Britni. Yes I think we are possibly looking at moving Greg if you guys are set on that date. Did you guys want to talk to him about moving dates at all? I haven't talked to him, don't know how anchored on that date he is.

-Chris

From: Jon W Rueckemann <jwrueck@uw.edu>

Sent: Monday, April 5, 2021 11:55 AM

To: Christopher English <cne676@uw.edu>; WaNPRC Necropsy <necropsy@uw.edu>

Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>; Britni C. Curtis <britcurt@uw.edu>

Subject: TDP surgery on May 5th

Hi Chris and everyone -

The Buffalo lab is trying to schedule a TDP surgery to pilot some new probes. May 5th was mentioned as a possibility, and Megan has booked a surgery with Britni. (There was also mention of a necropsy for Greg that day, but I wasn't clear whether that was the same TDP animal.)

Megan is traveling now, so I'm pulling together the loose threads:

1. Did you get her TDP request that she sent last week?
2. Is that TDP animal double-booked for surgery (i.e. conflict with Horwitz)?

If we aren't all set, let me know what we need to straighten out. Thanks!

Best,

Jon

P.S. Welcome back! I hope dad life is treating you well, and you have some pictures to share the next time I see you downstairs.

On Thu, Mar 25, 2021 at 8:42 AM Britni C. Curtis <britcurt@uw.edu> wrote:

Hi Jon,

We know we have two dates reserved in mid-April for a visiting scientist, and Chris isn't back until 4/5, so your procedure would be later in April (somewhere in the last two weeks). Right now, April is pretty clear for surgeries, but as you know, things will fill up quickly. I could tentatively schedule you a date and then we would just need to find out about animal availability, once Chris is back. I can see his calendar too, so pending animal availability, I know the following won't have conflicts:

4/21, 4/22, 4/28

Let me know if we can reserve that for you.

Thanks

Britni

From: Jon W Rueckemann <jwrueck@uw.edu>

Sent: Wednesday, March 17, 2021 3:41 PM

To: WaNPRC Necropsy <necropsy@uw.edu>

Cc: Christopher English <cne676@uw.edu>; Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Britni C. Curtis <britcurt@uw.edu>

Subject: TDP surgery in April

Hi Folks -

The Buffalo lab would like to reserve a TDP animal in April for a surgical pilot with the aim of developing techniques for implanting new probes. I know Chris is out on leave now, so I imagine that developing the April schedule might not happen in the typical way.

When it becomes clear that animals are available, please let us know. We will want to buy the brain afterward, but the eyes can be extracted before the surgery.

Let me know if I can provide any additional information.

Thank you

Best,
Jon

--

Jon Rueckemann, Ph.D.
Research Assistant Professor
University of Washington School of Medicine
Department of Physiology and Biophysics

--

Jon Rueckemann, Ph.D.
Research Assistant Professor
University of Washington School of Medicine
Department of Physiology and Biophysics
<Capture.PNG>

To: Jesse C. Day[jessed10@uw.edu]
Cc: Christopher English[cne676@uw.edu]; Britni C. Curtis[britcurt@uw.edu]
From: Megan L Jutras
Sent: Wed 10/6/2021 10:22:09 PM
Subject: Re: short-term terminal assignment
Received: Fri 10/14/2022 2:15:52 PM

Yes, that animal should be fine. Thanks

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, October 6, 2021 2:49 PM
To: Megan L Jutras <mljutras@uw.edu>
Cc: Christopher English <cne676@uw.edu>; Britni C. Curtis <britcurt@uw.edu>
Subject: RE: short-term terminal assignment

Hi Megan,

We've got an animal for this request:

Animal	Alias	Sp	Sx	Age	Wt	Wt Date	Cg	Housing	SRV	STLV	McHV	Last	T Cruzi	Cocci
Z17049	D-X	MN	M	4.71	7.24	10/4/2021	B276A-C1	Pair housing, 2 animals	(- -)	(- -)	(- -)	8/17/2021		positive

If this guy looks okay to you, we can go ahead and get him scheduled for a pre-assignment exam. Just let me know.
Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

*The WaNPRC is supported by grant P51 OD010425 from the NIH Office of Research Infrastructure Programs.
Please help us continue to support your research by citing our grant number in publications.*

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, September 24, 2021 1:59 PM
To: Jesse C. Day <jessed10@uw.edu>
Subject: RE: short-term terminal assignment

Ok sounds good, think I'm clear to book an MRI for the last week in October? Will you guys have all of the paperwork set up in time?

From: Jesse C. Day <jessed10@uw.edu>
Sent: Friday, September 24, 2021 1:57 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: RE: short-term terminal assignment

And we will for sure have an animal for this, I just haven't figured out which one yet. I need to hash this out with Chris and figure out who's going for which requests, but for these cocci guys we will have enough to fill all the requests we have at present.

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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Please help us continue to support your research by citing our grant number in publications.*

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, September 24, 2021 1:33 PM
To: Jesse C. Day <jessed10@uw.edu>
Subject: RE: short-term terminal assignment

I'm just confirming with everyone that cocci-positive is ok, and if so I will send you assignment request. Going to 2 different projects so I will start with just 1 animal for now.
When do you expect to know about the assignment, I need to schedule an initial MRI and I want to know when I can expect to have an animal!
Thanks,
Megan

From: Jesse C. Day <jessed10@uw.edu>
Sent: Friday, September 24, 2021 11:34 AM
To: Megan L Jutras <mljutras@uw.edu>
Subject: RE: short-term terminal assignment

Hi Megan,

I think our best option right now would be Cocci positive pigtailed, as we are pricing these the same as non-naïve animals. We have a list of them that we're also allocating to a couple of other similar short-term requests. I need to work with Chris on who is going where, but there should be some we can offer you once we've locked in IDs for those. Can you send me an animal assignment request for this?

Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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Please help us continue to support your research by citing our grant number in publications.*

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, September 24, 2021 11:04 AM
To: Jesse C. Day <jessed10@uw.edu>
Subject: short-term terminal assignment

Hi Jesse,
I am going to need 2-3 animals for short-term terminal procedures in the next couple of months, rhesus preferred, pigtail is ok.
Do you have any animals available that might work for these procedures?
Thanks,
Megan

Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
mljutras@uw.edu

Animal	Alias	Spc	Sx	Age	Wt	Wt Date	Cg	Housing	SRV	STLV	McHV	Last	T Cruzei	Cocci
Z17049	D-X	MN	M	4.71	7.24	10/4/2021	B278A-C1	Pair housing, 2 animals	(- - _)	(- - _)	(- - _)	8/17/2021		positive

To: Britni C. Curtis[britcurt@uw.edu]; Christopher English[cne676@uw.edu]; Jesse C. Day[jessed10@uw.edu]
From: Megan L Jutras
Sent: Wed 6/30/2021 10:42:48 PM
Subject: RE: August request A17113
Received: Fri 10/14/2022 2:15:59 PM

Sounds good! I'll let you know as soon as possible. Thanks!

From: Britni C. Curtis <britcurt@uw.edu>
Sent: Wednesday, June 30, 2021 3:42 PM
To: Megan L Jutras <mljutras@uw.edu>; Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: RE: August request A17113

Hi Megan, these are not blank with intention and the dates you mentioned are all options. We can also book on the same day as any existing surgeries in September, so any day will work. The joys of scheduling early!
Britni

From: Megan L Jutras <mljutras@uw.edu>
Sent: Wednesday, June 30, 2021 3:05 PM
To: Britni C. Curtis <britcurt@uw.edu>; Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: RE: August request A17113

So the Brainsight rep cannot make any of the dates in August work... it appears that early September is our best option. I'm seeing the Surgery calendar has nothing booked on Thursdays or Fridays, is this intentional? Could we consider September 9,10, 16 or 17? Thanks!

From: Britni C. Curtis <britcurt@uw.edu>
Sent: Wednesday, June 30, 2021 1:24 PM
To: Christopher English <cne676@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: August request A17113

This was the animal for the MRI on 7/15? If so, I have updated that ID.

Some ideas for August surgery dates (if we don't hear back for a while, there is a chance they won't still be available, so the sooner the better, of course):

Any day the week of August 1-6

Any day the week of August 16-20

August 9, 10, 23, 30, or 31

Thank you,
Britni

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, June 30, 2021 1:07 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>; Britni C. Curtis <britcurt@uw.edu>
Subject: August request A17113

Ok,

Britni this animal is a purchased TDP, but will not go to Nx, just euthanized post procedure since they will need a lot of time.

ID is A17113. Megan's looking at early August and would prefer a few options. It will have an MRI done previously, I'm not sure if this was booked yet because they had no ID?

Megan I think you can enter all the participants/observers in the surgery request, but I think they need the minimal clearance to just come observe in Sx since they won't be operating or anything.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Monday, June 28, 2021 1:42 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>; Britni C. Curtis <britcurt@uw.edu>
Subject: RE: TDP request and surgery

I will need a few dates options since we have a number of PI's interested in observing the brainsight surgery technology in action. We may also want to assume a longer surgery time (no necropsy) in case we need to repeat the training/demo of the equipment more than once during the same surgical procedure to accommodate all the interested PI's.
Thanks!

From: Christopher English <cne676@uw.edu>
Sent: Monday, June 28, 2021 12:34 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>; Britni C. Curtis <britcurt@uw.edu>
Subject: RE: TDP request and surgery

Hi,

Sorry I forgot I hadn't given you the second ID. A17113 is available for the MRI/August TDP procedure. Britni, August is pretty flexible on my end. Is there an ideal date we can do a TDP practice surgery (normal 4.5 hour time)

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Monday, June 28, 2021 10:49 AM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

I have surgery booked on 7/20 for this TDP animal (A17117).
Where are we with other paperwork? Since the procedure will likely take longer than the tissue cut off time, we will pay the federal rate cost of the animal- I believe this was ~1k?
There will be no necropsy necessary.
Let me know what else you guys need to finalize this-
Megan

From: Christopher English <cne676@uw.edu>
Sent: Thursday, June 17, 2021 12:17 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

That's fine, looks like I won't be needed. If there is no samples needed from you guys I'll just have Sandi bag it and put it in the freezer when you're done.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, June 17, 2021 12:13 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

I have tentatively put in a surgery request on the calendar for Tuesday 7/20. Does that date work?
Once I confirm that date works for everyone I can complete whatever paperwork you guys need.

From: Christopher English <cne676@uw.edu>
Sent: Thursday, June 17, 2021 11:41 AM
To: Jesse C. Day <jessed10@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

A17117, M.m. Male 7yr 1mo. 9.6kg.

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, June 17, 2021 11:37 AM
To: Christopher English <cne676@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

I think that should be fine if it's not already slated for something else.

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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Please help us continue to support your research by citing our grant number in publications.*

From: Christopher English <cne676@uw.edu>
Sent: Thursday, June 17, 2021 11:31 AM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: RE: TDP request and surgery

Sorry I'm going backwards through my emails.

No we would have to sell you one from the list, we wanted to try our drill out that day and originally had other procedures the new Vets needs to practice. Plus tissues already sold.

Jesse do we have any other candidates for this coming up? I suppose we could use the last Kiem return and give them that one?

Megan it's a Rhesus though.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Wednesday, June 16, 2021 4:27 PM
To: Jesse C. Day <jessed10@uw.edu>; Christopher English <cne676@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: TDP request and surgery

Hi all,
Jon mentioned that he had discussed a TDP animal on 7/1. Is that animal still available for a surgery?
Since this procedure is still very new, it is difficult to know if we can fit it into the limited TDP time window, could we possibly purchase the entire animal that day?
Thanks!
Megan

*** NOTE: please update contact lists and accounts with my new email address mljutras@uw.edu,
Email sent to megan.jutras@wanprc.org will no longer be received

Megan Jutras

University of Washington

WaNPRC Buffalo Lab

206-616-2561

mljutras@uw.edu

To: Greg D Horwitz[ghorwitz@uw.edu]; Christopher English[cne676@uw.edu]
Cc: adg124[adg124@uw.edu]
From: Megan L Jutras
Sent: Mon 2/7/2022 7:20:52 PM
Subject: RE: schedule a February perfusion?
Received: Fri 10/14/2022 2:16:03 PM

10am and eyes should be fine with us- thank you for checking!

From: Greg D Horwitz <ghorwitz@uw.edu>
Sent: Monday, February 07, 2022 8:45 AM
To: Christopher English <cne676@uw.edu>
Cc: Megan L Jutras <mljutras@uw.edu>; adg124 <adg124@uw.edu>
Subject: Re: schedule a February perfusion?

Yes, serum would be great. I assume 10 AM and eyes are a "yes", but I defer to Megan and Aaron on this.

Greg

On Mon, Feb 7, 2022 at 8:40 AM Christopher English <cne676@uw.edu> wrote:
Hello,

Just reconfirming animal Z17049 for next Monday. PFA perfusion. I didn't confirm the time, does the usual 10am work? Also can I sell the eyes?

Greg do you want blood/serum from this animal?

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Monday, December 6, 2021 10:08 AM
To: Christopher English <cne676@uw.edu>; 'Chris English' <chrise@wanprc.org>
Cc: Greg D Horwitz <ghorwitz@uw.edu>; adg124 <adg124@uw.edu>
Subject: RE: schedule a February perfusion?

That Monday works for us- thanks!

From: Christopher English <cne676@uw.edu>
Sent: Monday, December 06, 2021 9:24 AM
To: Megan L Jutras <mljutras@uw.edu>; 'Chris English' <chrise@wanprc.org>
Cc: Greg D Horwitz <ghorwitz@uw.edu>; adg124 <adg124@uw.edu>
Subject: RE: schedule a February perfusion?

My wife works 9/80s so she gets every other Monday off. I can do that Monday the 14th if that works? Otherwise we would need to talk to Audrey.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, December 3, 2021 3:14 PM
To: 'Chris English' <chrise@wanprc.org>
Cc: Greg D Horwitz <ghorwitz@uw.edu>; adg124 <adg124@uw.edu>
Subject: schedule a February perfusion?

Hi Chris,

I know your January and February are going to be tricky, but we are hoping to schedule a perfusion/Nx (we will provide Para) at your convenience the week of February 14th. Any day or time that week that works for you would be fine.
The animal is Z17049 and the timing is quite important because of virus expression timing.

Do you think this is possible?

Thanks!

Megan

Megan Jutras
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206-616-2561
mljutras@uw.edu

To: Megan L Jutras[mljutras@uw.edu]
From: Nathaly Munoz
Sent: Mon 5/23/2022 9:15:44 PM
Subject: Re: Graduate school application
Received: Mon 5/23/2022 9:15:50 PM

Oh my God :((((Im so sad i couldn't say good bye in person, at what time is she passing :(?

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From: Megan L Jutras <mljutras@uw.edu>
Sent: Monday, May 23, 2022 1:30:42 PM
To: Nathaly Munoz <Nathaly.Munoz@alleninstitute.org>
Subject: Graduate school application

CAUTION: This email originated from outside the Allen Institute. Please do not click links or open attachments unless you've validated the sender and know the content is safe.

Hi Nathaly,
I'm happy to write a reference letter for you. I'll keep an eye out for the link to submit.

Also, sad news, Maybel has been diagnosed with cancer and will be euthanized tomorrow. The vets have been exceptional in caring for her immediate symptoms which came on quite quickly, but sadly she continues to decline.

I will give her some extra love and treats from you today to say 'goodbye'. ☹️

Megan Jutras
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206-616-2561
mljutras@uw.edu

To: Rita U Bellanca[rbell@uw.edu]
From: Megan L Jutras
Sent: Thur 7/1/2021 6:36:35 PM
Subject: RE: Endpoint
Received: Fri 10/14/2022 2:15:59 PM

Hi Rita,
I'm happy to have you do it, just waiting until the exact date is set. I will let you know.
Megan

From: Rita U Bellanca <rbell@uw.edu>
Sent: Thursday, July 01, 2021 11:35 AM
To: Megan L Jutras <mljutras@uw.edu>
Cc: Rita U Bellanca <rbell@uw.edu>
Subject: Endpoint

Hi Megan,

Kelly told me Gromit and Spock are reaching endpoint in 2 weeks. Do you want me to send a brief endpoint notification email with the dates or do you prefer to?

Thank you,
Rita

Rita Bellanca
Research Scientist
Head of Behavioral Management
UW-WaNPRC

Email: rbell@uw.edu
or bmsstaff@uw.edu
Phone: 206-221-7380

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To: Christopher English[cne676@uw.edu]; WaNPRC Necropsy[necropsy@uw.edu]; Necropsy Program[necropsy@wanprc.org]; RSG Group[RSG@wanprc.org]; Dennis M Dacey[dmd@uw.edu]; Steve I. 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From: Christopher English
Sent: Tue 3/22/2022 6:25:57 PM
Subject: April 2022 TDP
Received: Tue 3/22/2022 6:26:54 PM
[tissue request.doc](#)
[tdp surgical procedure request.pdf](#)
[April 2022 TDP.doc](#)
[ACSF.xlsx](#)

Hello all,

Please see March April TDP

Please note any disclaimers on Animal ID's for surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

*Please note change in euthanasia method. Animal will be exsanguinated via cardiac perfusion with Artificial CSF prior to organ removal to preserve Brain function. Lower descending vena cava and aorta will be clamped to limit solution to upper portion of the body. No physiological changes should be seen in other organs, and effects should be even less than typical pentobarbital euthanasia. I have attached the solution mix of the ACSF and pathology team is available to discuss any questions or concerns.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

April 2022

**Tissue Distribution Program
National Primate Research Center**

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

<i>Date</i>	<i>Day</i>	<i>Starting Time</i>	<i>Animal ID</i>	<i>Species</i>	<i>Sex</i>	<i>Age (yrs)</i>	<i>Weight (kg)</i>	<i>Room #</i>
4/12/22	Tues.	10:30AM	(*) Z18103	<i>M.nemestrina</i>	M	3yr 11mo	3.25kg	I031-B2
4/20/22	Wed.	10:30AM	(*) Z18121	<i>M.nemestrina</i>	M	3yr 10mo	3.65kg	I031-B2
4/26/22	Tues.	12:30PM	(#) K06239	<i>M.nemestrina</i>	F	15yr 6mo	7.8kg	I023-I2

*Animal is Valley Fever Positive

Animal will go to practice surgery to access femoral arteries/ ovary removal.
Ovaries are unavailable.

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**

Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

NMDG-HEPES Recovery Solution (JT)

	mM	MW	g/L	g/500 mL	
NMDG	93	195.2	18.16	9.08	(10N stock)
HCl (see nc	93				
KCl	2.5	74.6	0.19	0.09	
NaH ₂ PO ₄	1.2	138.0	0.17	0.08	
NaHCO ₃	30	84.0	2.52	1.26	
HEPES	20	238.3	4.77	2.38	
Glucose	25	180.2	4.51	2.25	
sodium asc	5	198.0	0.99	0.50	(2M stock)
Thiourea	2	76.1	0.15	0.08	
sodium pyi	3	110.0	0.33	0.17	
MgSO ₄ ·7H	10	246.5	5 mL	2.5 mL	
CaCl ₂ ·2H ₂ O	0.5	147.0	250 uL	125 uL	

300-310 mOsm

adjust pH with 10N HCl

(titrate with ~8mL of 10N HCl to 1L)

To: Christopher English[cne676@uw.edu]; WaNPRC Necropsy[necropsy@uw.edu]; Necropsy Program[necropsy@wanprc.org]; RSG Group[RSG@wanprc.org]; Dennis M Dacey[dmd@uw.edu]; Steve I. 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From: Christopher English
Sent: Tue 3/8/2022 8:18:08 PM
Subject: March 2022 TDP
Received: Tue 3/8/2022 8:20:07 PM
[tissue_request.doc](#)
[March 2022 TDP.doc](#)
[ACSF.xlsx](#)

Hello all,

Please see March 2022 TDP

Please note any disclaimers on Animal ID's for surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

*Please note change in euthanasia method. Animal will be exsanguinated via cardiac perfusion with Artificial CSF prior to organ removal to preserve Brain function. Lower descending vena cava and aorta will be clamped to limit solution to upper portion of the body. No physiological changes should be seen in other organs, and effects should be even less than typical pentobarbital euthanasia. I have attached the solution mix of the ACSF and pathology team is available to discuss any questions or concerns.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC

Office -206-616-8122
Cell-425-444-4212
8AM-4PM

March 2022

Tissue Distribution Program National Primate Research Center

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

Date	Day	Starting Time	Animal ID	Species	Sex	Age (yrs)	Weight (kg)	Room #
3/16/22	Wed.	12:30PM	(*) K06089	<i>M.nemestrina</i>	F	16yr 1mo	6.58kg	I031-F1
3/23/22	Wed.	10:30AM	M04326	<i>M.nemestrina</i>	F	17yr 4mo	7.9kg	I031-H2
3/30/22	Wed.	10:30AM	Z18159	<i>M.nemestrina</i>	M	3yr 6mo	6.63kg	I031-H1

*Animal will go to Practice Surgery

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**

Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cnc676@uw.edu

Modified HEPES aCSF (JT)

	mM	MW	g/L	g/500 mL	
NaCl	92	58.4	5.38	2.69	
KCl	2.5	74.6	0.19	0.09	
NaH ₂ PO ₄	1.2	138.0	0.17	0.08	
NaHCO ₃	30	84.0	2.52	1.26	
HEPES	20	238.3	4.77	2.38	
Glucose	25	180.2	4.51	2.25	
sodium ascorb:	5	198.0	0.99	0.50	
Thiourea	2	76.1	0.15	0.08	
sodium pyruva	3	110.0	0.33	0.17	
MgSO ₄ ·7H ₂ O	10	246.5	5 mL	2.5 mL	(2M stock)
CaCl ₂ ·2H ₂ O	0.5	147.0	250 uL	125 uL	(2M stock)

To: PHILLIPS PATIENT ACCOUNT[jllab@uw.edu]; James O Phillips[jop@uw.edu]
From: Yoshiko Kojima
Sent: Fri 8/20/2021 6:14:59 PM
Subject: Tomyam
Received: Fri 8/20/2021 6:14:59 PM

Hi Leo and Jim,

Tomyam euthanized this morning for clinical reason. She has been low appetite for a few days but it was totally unexpected. Very disappointing. I already identified her flocculus and colliculus. I was looking forward recording from her flocculus for covert saccade as a normal vestibular monkey...

No monkey is available to purchase.

The project will be delayed significantly...

Sorry.

Yoshiko

To: Christopher English[cne676@uw.edu]; WaNPRC Necropsy[necropsy@uw.edu]; Necropsy Program[necropsy@wanprc.org]; RSG Group[RSG@wanprc.org]; Dennis M Dacey[dmd@uw.edu]; Steve I. 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From: Christopher English
Sent: Mon 6/6/2022 7:02:42 PM
Subject: June 2022 TDP
Received: Mon 6/6/2022 7:03:20 PM
[June 2022 TDP.doc](#)
[tissue request.doc](#)

Hello all,

Please see June TDP 2022. Please note time changes as well as animal changes.

Please note any disclaimers on Animal ID's for virus status, surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

*Please note change in euthanasia method. Animal will be exsanguinated via cardiac perfusion with Artificial CSF prior to organ removal to preserve Brain function. Lower descending vena cava and aorta will be clamped to limit solution to upper portion of the body. No physiological changes should be seen in other organs, and effects should be even less than typical pentobarbital euthanasia. I can provide solution mix of the ACSF and pathology team is available to discuss any questions or concerns.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

June 2022

Tissue Distribution Program National Primate Research Center

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

Date	Day	Starting Time	Animal ID	Species	Sex	Age (yrs)	Weight (kg)	Room #
6/7/22	Tues.	10:30AM	(#) Z16020	<i>M.nemestina</i>	F	6yr 4mo	7.13kg	RR155-B2
6/27/22	Mon.	10:30AM	(*) Z20003	<i>M.nemestina</i>	M	2yr 5mo	3.97kg	B278A-K1

#_Animal on steroids for clinical treatment of diarrhea.

*_Animal will go to practice surgery/craniotomy

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**
Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

To: Christopher English[cne676@uw.edu]; WaNPRC Necropsy[necropsy@uw.edu]; Necropsy Program[necropsy@wanprc.org]; RSG Group[RSG@wanprc.org]; Dennis M Dacey[dmd@uw.edu]; Steve I. 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From: Christopher English
Sent: Thur 5/19/2022 6:50:09 PM
Subject: May 2022 TDP Revision
Received: Thur 5/19/2022 6:50:31 PM

Please see animal addition for May below:

5/26/22 @ 10:30am

K07017 m.n. Male, 15yr 3mo. 13.5kg.

Spondylosis, Slightly enlarged liver, enlarged spleen.

Thank you.

-Chris English

To: adg124[adg124@uw.edu]; Anna[annaja@uw.edu]; Autumn Mallory[ajm2605@uw.edu]; Elizabeth A. Buffalo[ebuffalo@uw.edu]; Brian M Kim[/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a3c6937802454253b9f4b26157360fd8-kimqi]; cioleary[cioleary@uw.edu]; Manuela Dorado Novoa[manuelad@uw.edu]; Andre Rodrigues[rodrigia@uw.edu]; Jon W Rueckemann[jwrueck@uw.edu]; Mar Borrego[marbor@uw.edu]; Megan L Jutras[mljutras@uw.edu]; Michael J. Jutras[mjutras@uw.edu]; Sofia Landi[slandi@uw.edu]; Stephanie Y Zhu[yiruz4@uw.edu]
Cc: Rita U Bellanca[rbell@uw.edu]
From: Megan L Jutras
Sent: Mon 5/23/2022 9:53:02 PM
Subject: end point notification A18057
Received: Fri 10/14/2022 2:16:03 PM

Unfortunately, clinical condition, Maybel will be euthanized tomorrow (Tuesday) 5/24. She has contributed to many projects exploring aging, including the interplay with inflammation and cognition, over the years and she will be missed.

Megan

*Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
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To: Britni C. Curtis[britcurt@uw.edu]; Jesse C. Day[jessed10@uw.edu]; 'Chris English'[chrise@wanprc.org]
Cc: 'Jon'[jrueckemann@gmail.com]; Sofia Landi[slandi@uw.edu]; Elizabeth A. Buffalo[ebuffalo@uw.edu]
From: Megan L Jutras
Sent: Tue 3/30/2021 11:55:16 PM
Subject: Re: TDP surgery dates
Received: Fri 10/14/2022 2:16:01 PM

Yes, I will submit the request this week. We will need the surgery drill, cautery and succinct.
Jesse, is there an animal available for 5/5?

From: Britni C. Curtis <britcurt@uw.edu>
Sent: Tuesday, March 30, 2021 4:25 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>; 'Chris English' <chrise@wanprc.org>
Cc: 'Jon' <jrueckemann@gmail.com>; Sofia Landi <slandi@uw.edu>; Elizabeth A. Buffalo <ebuffalo@uw.edu>
Subject: RE: TDP surgery dates

Thank you, Megan.

I would prefer Wednesday 5/5. If that works, could you place a surgery request by the end of this week, so we can keep the date?

Thank you,

Britni

From: Megan L Jutras <mljutras@uw.edu>
Sent: Tuesday, March 30, 2021 4:05 PM
To: Jesse C. Day <jessed10@uw.edu>; Britni C. Curtis <britcurt@uw.edu>; 'Chris English' <chrise@wanprc.org>
Cc: 'Jon' <jrueckemann@gmail.com>; Sofia Landi <slandi@uw.edu>; Elizabeth A. Buffalo <ebuffalo@uw.edu>
Subject: TDP surgery dates

Hi all,

The Buffalo lab is looking for a TDP/practice surgery date.

Our two scheduling options are:

Tuesday 4/27 or

Wednesday 5/5

Please let me know TDP and surgery availability for either of these options (rhesus or pigtail, that will fit in our standard stereotax, we will purchase head, eyes are available).

Thanks,

Megan

*** NOTE: please update contact lists and accounts with my new email address mljutras@uw.edu,

Email sent to megan.jutras@wanprc.org will no longer be received

Megan Jutras

University of Washington

WaNPRC Buffalo Lab

206-616-2561

mljutras@uw.edu

Jan 2022 Revised*

Tissue Distribution Program National Primate Research Center

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

<i>Date</i>	<i>Day</i>	<i>Starting Time</i>	<i>Animal ID</i>	<i>Species</i>	<i>Sex</i>	<i>Age (yrs)</i>	<i>Weight (kg)</i>	<i>Room #</i>
1/31/22	Mon.	10:00AM	L06310	<i>M.nemestrina</i>	F	15yr 2mo	6.05kg	RR149-D1

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**
Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

To: Christopher English[cne676@uw.edu]; Jesse C. Day[jessed10@uw.edu]
From: Megan L Jutras
Sent: Mon 9/20/2021 8:19:17 PM
Subject: RE: Death sheet A17114
Received: Fri 10/14/2022 2:15:55 PM

No, not this one. I will send you one today.

From: Christopher English <cne676@uw.edu>
Sent: Monday, September 20, 2021 1:01 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: FW: Death sheet A17114

I thought you did too, is it this one but we just changed/Bumped the date?

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Tuesday, July 27, 2021 11:13 AM
To: Jesse C. Day <jessed10@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Death sheet A17114

Here you go!

From: Jesse C. Day <jessed10@uw.edu>
Sent: Tuesday, July 27, 2021 10:29 AM
To: Megan L Jutras <mljutras@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Death sheet A17114

And while we're at it – do we have the one for 7/20 (A17117)? I don't have that one either.

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

*The WaNPRC is supported by grant P51 OD010425 from the NIH Office of Research Infrastructure Programs.
Please help us continue to support your research by citing our grant number in publications.*

From: Megan L Jutras <mljutras@uw.edu>
Sent: Tuesday, July 27, 2021 10:26 AM
To: Jesse C. Day <jessed10@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Death sheet A17114

Here you go, Jesse

From: Jesse C. Day <jessed10@uw.edu>
Sent: Tuesday, July 27, 2021 9:02 AM
To: Christopher English <cne676@uw.edu>
Cc: Megan L Jutras <mljutras@uw.edu>
Subject: RE: Death sheet A17114

Do you have the TDP surgery request? Technically we're supposed to have this in lieu of other budget authorizations for TDP requests.

Jesse Day
Administrator of Program Operations, ARD

Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

*The WaNPRC is supported by grant P51 OD010425 from the NIH Office of Research Infrastructure Programs.
Please help us continue to support your research by citing our grant number in publications.*

From: Christopher English <cne676@uw.edu>
Sent: Tuesday, July 27, 2021 8:30 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Megan L Jutras <mljutras@uw.edu>
Subject: RE: Death sheet A17114

Yes, no purchase on this one. Megan can you send Jesse the budget for charging last Monday's practice?

From: Jesse C. Day <jessed10@uw.edu>
Sent: Monday, July 26, 2021 3:36 PM
To: Christopher English <cne676@uw.edu>
Subject: RE: Death sheet A17114

Hey Chris,

Do you have the TDP surgery request for this one with the budget? And I'm guessing that this is a no animal charge one, just surgery, but correct me if I'm wrong.

Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

*The WaNPRC is supported by grant P51 OD010425 from the NIH Office of Research Infrastructure Programs.
Please help us continue to support your research by citing our grant number in publications.*

From: Christopher English <cne676@uw.edu>
Sent: Tuesday, July 20, 2021 12:55 PM
To: Jesse C. Day <jessed10@uw.edu>; WaNPRC ARMS Data <armsdata@uw.edu>
Subject: Death sheet A17114

Here you go, thanks!

Jan 2022

**Tissue Distribution Program
National Primate Research Center**

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

<i>Date</i>	<i>Day</i>	<i>Starting Time</i>	<i>Animal ID</i>	<i>Species</i>	<i>Sex</i>	<i>Age (yrs)</i>	<i>Weight (kg)</i>	<i>Room #</i>
1/31/22	Mon.	12:30PM	(*) A21187	<i>m.mulatta</i>	F	7yr 9mo	5.3kg	I-029-D2

*Animal will go to practice surgery.

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**

Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

To: Christopher English[cne676@uw.edu]; WaNPRC Necropsy[necropsy@uw.edu]; Necropsy Program[necropsy@wanprc.org]; RSG Group[RSG@wanprc.org]; Dennis M Dacey[dmd@uw.edu]; Steve I. 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From: Christopher English
Sent: Wed 3/9/2022 8:17:12 PM
Subject: March 2022 TDP Revision
Received: Wed 3/9/2022 8:18:10 PM
[ACSF.xlsx](#)

Perfusion/Euthanasia solution was incorrect. Please see new attachment.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

NMDG-HEPES Recovery Solution (JT)

	mM	MW	g/L	g/500 mL	
NMDG	93	195.2	18.16	9.08	(10N stock)
HCl (see nc	93				
KCl	2.5	74.6	0.19	0.09	
NaH ₂ PO ₄	1.2	138.0	0.17	0.08	
NaHCO ₃	30	84.0	2.52	1.26	
HEPES	20	238.3	4.77	2.38	
Glucose	25	180.2	4.51	2.25	
sodium asc	5	198.0	0.99	0.50	(2M stock)
Thiourea	2	76.1	0.15	0.08	
sodium pyi	3	110.0	0.33	0.17	
MgSO ₄ ·7H	10	246.5	5 mL	2.5 mL	
CaCl ₂ ·2H ₂ O	0.5	147.0	250 uL	125 uL	

300-310 mOsm

adjust pH with 10N HCl

(titrate with ~8mL of 10N HCl to 1L)

To: Christopher English[cne676@uw.edu]
From: Megan L Jutras
Sent: Fri 7/2/2021 11:25:47 PM
Subject: Re: schedule nx
Received: Fri 10/14/2022 2:15:58 PM

Cool, thanks.

From: Christopher English <cne676@uw.edu>
Sent: Friday, July 2, 2021 4:13 PM
To: Megan L Jutras <mljutras@uw.edu>
Cc: Jon W Rueckemann <jwrueck@uw.edu>
Subject: Re: schedule nx

Ok sorry I put it under only Jons email, just realized I probably should have made that yours Megan. Jon will get the alert. Its booked

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, July 2, 2021 4:08 PM
To: Christopher English <cne676@uw.edu>
Cc: Jon W Rueckemann <jwrueck@uw.edu>
Subject: Re: schedule nx

I appreciate it, I can adjust as needed after Britni is back in town. Thanks

From: Christopher English <cne676@uw.edu>
Sent: Friday, July 2, 2021 4:00 PM
To: Megan L Jutras <mljutras@uw.edu>
Cc: Jon W Rueckemann <jwrueck@uw.edu>
Subject: Re: schedule nx

Nevermind I'll put it in for the usual, Jon just let me know and we'll change it.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, July 2, 2021 3:58 PM
To: Christopher English <cne676@uw.edu>
Subject: Re: schedule nx

Hey Chris,

I'm not at my computer until 4:45 today. Would you be able to put in the surgery request for the 19th so Britni can leave?

From: Christopher English <cne676@uw.edu>
Sent: Friday, July 2, 2021 3:26 PM
To: Jon Rueckemann <jrueckemann@gmail.com>
Cc: Megan L Jutras <mljutras@uw.edu>
Subject: Re: schedule nx

Also if you guys can get the surgery request in ASAP, Britni will want to book it before she heads out of town today.

-Chris

From: Jon Rueckemann <jrueckemann@gmail.com>
Sent: Friday, July 2, 2021 2:26 PM
To: Christopher English <cne676@uw.edu>
Cc: Megan L Jutras <mljutras@uw.edu>
Subject: Re: schedule nx

Hi Chris-

Let's do it on the 26th

Thanks
J

On Fri, Jul 2, 2021 at 1:14 PM Christopher English <cne676@uw.edu> wrote:

Ya probably just do both in one day. 26th and 27th are open that week.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, July 2, 2021 12:01 PM
To: Christopher English <cne676@uw.edu>
Cc: 'Jon' <jrueckemann@gmail.com>
Subject: schedule nx

Hi Chris,
We need to schedule necropsy for A13013 and A13283 during the week of July 26.
It will probably be perfusion with para and a decap for both, Jon will be there to get the tissue.
What is your schedule like that week? Is it easier to do both the same day?
Thanks,
Megan

Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
mljutras@uw.edu

--
Jon Rueckemann, Ph.D.
Research Assistant Professor
University of Washington School of Medicine
Department of Physiology and Biophysics

To: Rita U Bellanca[rbell@uw.edu]; adg124[adg124@uw.edu]; Autumn Mallory[ajm2605@uw.edu]; annaja[annaja@uw.edu]; Elizabeth A. Buffalo[ebuffalo@uw.edu]; Brian M Kim[kimqi@uw.edu]; cioleary[cioleary@uw.edu]; estreitw[estreitw@uw.edu]; Andre Rodrigues[rodrigia@uw.edu]; Jon W Rueckemann[jwrueck@uw.edu]; Ye Hong[yehong@uw.edu]; Megan L Jutras[mljutras@uw.edu]; Michael J. Jutras[mjutras@uw.edu]; mmunoz94[mmunoz94@uw.edu]; Sofia Landi[slandi@uw.edu]; Stephanie Y Zhu[yiruz4@uw.edu]; Yoni I Browning[yonib@uw.edu]
From: Megan L Jutras
Sent: Mon 11/1/2021 10:07:48 PM
Subject: end date scheduled
Received: Mon 11/1/2021 10:08:17 PM

The end date for A16226 has been scheduled for 11/10.

Sam has provided invaluable insight into the mechanisms of learning and memory during her many years with the lab. In addition to the diverse and often complex tasks she has learned and mastered over the years, she has proven a valuable animal for inter-lab collaboration and novel electrophysiological approaches. Her calm demeanor and patient personality were a joy to work with for many in the lab.

Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
mljutras@uw.edu

To: Christopher English[cne676@uw.edu]
From: Megan L Jutras
Sent: Wed 6/30/2021 8:01:04 PM
Subject: RE: TDP JUNE REVISION
Received: Fri 10/14/2022 2:15:59 PM

BRAINS.....

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, June 30, 2021 1:00 PM
To: ndembrow <ndembrow@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Subject: RE: TDP JUNE REVISION

So nice to see all you zombies working together. No problem. Are you working with Jon to get the piece again or will you be in Nx?

-Chris

From: Nikolai Dembrow <ndembrow@uw.edu>
Sent: Tuesday, June 29, 2021 3:31 PM
To: Christopher English <cne676@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Subject: Re: TDP JUNE REVISION

Hi Chris,

If possible, I'd like to collect some neocortical tissue from this Thursday's TDP. While I wait for my grant funds to come in, Beth has kindly allowed me to use some allocated funds. I've cc'd Megan on this email. Attached is the request with that budget number for the tissue.

Let me know if you need more info,

thanks,

nik

On Tue, Jun 29, 2021 at 11:19 AM Christopher English <cne676@uw.edu> wrote:

Hello all,

Please see June 2021 TDP REVISION.

A17116 on 7/1/21 was removed due to a clinical complication that came up on recent bloodwork. Z18141 (m.n. Male, 2yr 11mo, 3.0kg) will be the replacement. All times and locations will stay the same.

We are sorry for the inconvenience, please contact me if you need to change or cancel any placed orders.

Please note any disclaimers on Animal ID's for surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2

Tissue Distribution Program/RSG group @ WaNPRC

Office -206-616-8122

Cell-425-444-4212

8AM-4PM

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From: Megan L Jutras
Sent: Tue 3/22/2022 7:20:08 PM
Subject: Fw: April 2022 TDP
Received: Tue 3/22/2022 7:21:14 PM
[tissue request.doc](#)
[tdp_surgical_procedure_request.pdf](#)
[April 2022 TDP.doc](#)
[ACSF.xlsx](#)

Note that Chris mentioned a change in the standard euthanasia practice for TDP animals (and probably all euthanasia in general).

From: Christopher English <cne676@uw.edu>

Sent: Tuesday, March 22, 2022 11:25 AM

To: Christopher English <cne676@uw.edu>; WaNPRC Necropsy <necropsy@uw.edu>; Necropsy Program <necropsy@wanprc.org>; RSG Group <RSG@wanprc.org>; Dennis M Dacey <dmd@uw.edu>; Steve I. Perlmutter <perl@uw.edu>; Becky Schaefer <rfschae@uw.edu>; Greg D Horwitz <ghorwitz@uw.edu>; Ali Hajheidari <sahh1371@wanprc.org>; Amy Nowack <aln@wanprc.org>; Clinical Staff HSB-RR <clinstaff-HSB-RR@wanprc.org>; Clinical Staff Western <clinstaff-western@wanprc.org>; 'rsinha@uw.edu' <rsinha@uw.edu>; Anthony Gray <anthony.gray@wanprc.org>; 'Wonsok Lee' <leew5@u.washington.edu>; Endpoint <endpoint@wanprc.org>; 'Alexander Clowes' <clowes@u.washington.edu>; Ali Hajheidari <sahh1371@wanprc.org>; 'Amardeep Hoonjan' <AHoonjan@lifecell.com>; Andre Lieber <lieber00@uw.edu>; Baoping Tian <baoping@wanprc.org>; Becky Schaefer <rfschae@uw.edu>; 'Ben Seon' <ben.seon@roswellpark.org>; 'Beth Peterson' <bpeterso@u.washington.edu>; 'Beth Rolling' <BethR@lsbio.com>; 'Bonnie Higgins' <bkg102@psu.edu>; Bneuro Nelson <bneuro.nelson@gmail.com>; Brenda Crouthamel <Brenda@wanprc.org>; 'Brian Brosdahl' <brian.brosdahl@cellprolabs.com>; 'Bridget Fisher' <bridget.fisher@seattlebiomed.org>; 'cbaker' <cbaker@u.washington.edu>; 'Carolina Berger' <cberger@fhcrc.org>; 'Cassandra Chatelain' <casschat@uw.edu>; 'Chang Li' <cli3@u.washington.edu>; 'Charlene Miller' <charlene.m@wanprc.org>; Charles E Murry <murry@uw.edu>; 'Charles Theuer' <ctheuer@traconpharma.com>; Charlotte Hotchkiss <chotchki@wanprc.org>; 'Chet Sherwood' <sherwood@gwu.edu>; 'Christine Vissinga' <vissinga@amgen.com>; Charles W. Frevert <cfrevert@uw.edu>; Clayton Ferrier <cferrier@uw.edu>; 'Crystal Morris' <cmorris@scimedx.com>; 'Curtis Chan' <Curtis.Chan@crl.com>; 'Damain Green' <dgreen@fhcrc.org>; Daniel G. Miller <dgmiller@uw.edu>; 'David Bourke' <dbourkelds@northlc.com>; David W. Emery <demery@uw.edu>; 'David Plotnik' <dplotnik@wanprc.org>; Dennis M Dacey <dmd@uw.edu>; 'Dmitry Shayakhmetov' <dshax@u.washington.edu>; Donald.Sodora@Seattlechildrens.org <Donald.Sodora@Seattlechildrens.org>; 'Donald Kuh' <s.uw.edu> <'Donald Kuh@s.uw.edu>; 'Abby Gambrell' <agambrell@gmail.com>; Jesse C. Day <jessed10@uw.edu>; 'Jonathan Ting' <JonathanT@alleninstitute.org>; 'Bonnie Higgins' <bkg102@psu.edu>; Wood, Matthew <Matthew.Wood@seattlechildrens.org>; Donald.Sodora@Seattlechildrens.org <Donald.Sodora@Seattlechildrens.org>; Orin S. Packer <orin@uw.edu>; YeonJin Kim <yeonjink@uw.edu>; Necropsy Program <necropsy@wanprc.org>; RSG Group <RSG@wanprc.org>; Dennis M Dacey <dmd@uw.edu>; Steve I. Perlmutter <perl@uw.edu>; Becky Schaefer <rfschae@uw.edu>; Greg D Horwitz <ghorwitz@uw.edu>; Ali Hajheidari <sahh1371@wanprc.org>; Amy Nowack <aln@wanprc.org>; Clinical Staff HSB-RR <clinstaff-HSB-RR@wanprc.org>; Clinical Staff Western <clinstaff-western@wanprc.org>; Anthony Gray <anthony.gray@wanprc.org>; 'Wonsok Lee' <leew5@u.washington.edu>; Endpoint <endpoint@wanprc.org>; 'Alexander Clowes' <clowes@u.washington.edu>; Ali Hajheidari <sahh1371@wanprc.org>; 'Amardeep Hoonjan' <AHoonjan@lifecell.com>; Andre Lieber <lieber00@uw.edu>; Baoping Tian <baoping@wanprc.org>; Becky Schaefer <rfschae@uw.edu>; 'Ben Seon' <ben.seon@roswellpark.org>; 'Beth Peterson' <bpeterso@u.washington.edu>; 'Beth Rolling' <BethR@lsbio.com>; Bneuro Nelson <bneuro.nelson@gmail.com>; Brenda Crouthamel <Brenda@wanprc.org>; 'Brian Brosdahl' <brian.brosdahl@cellprolabs.com>; 'Bridget Fisher' <bridget.fisher@seattlebiomed.org>; 'Carl Baker' <cbaker@u.washington.edu>; Carolina Berger <cberger@fhcrc.org>; 'Cassandra Chatelain' <casschat@uw.edu>; 'Chang Li' <cli3@u.washington.edu>; 'Charlene Miller' <charlene.m@wanprc.org>; Charles E Murry <murry@uw.edu>; 'Charles Theuer' <ctheuer@traconpharma.com>; Charlotte Hotchkiss <chotchki@wanprc.org>; 'Chet Sherwood' <sherwood@gwu.edu>; 'Christine Vissinga' <vissinga@amgen.com>; Charles W. Frevert <cfrevert@uw.edu>; Clayton Ferrier <cferrier@uw.edu>; 'Crystal Morris' <cmorris@scimedx.com>; 'Curtis Chan' <Curtis.Chan@crl.com>; 'Damain Green' <dgreen@fhcrc.org>; Daniel G. Miller <dgmiller@uw.edu>; 'David Bourke' <dbourkelds@northlc.com>; David W. Emery <demery@uw.edu>; 'David Plotnik' <dplotnik@wanprc.org>; Dennis M Dacey <dmd@uw.edu>; 'Dmitry Shayakhmetov' <dshax@u.washington.edu>; 'Don Sodora' <don.sodora@sbri.org>; 'Donald Kuhn' <donald.kuhn@wayne.edu>; Dorothy Patton <dpatton@uw.edu>; Dorothy Patton <dpatton@uw.edu>; 'Doug Bowden' <Dbowden@wanprc.org>; 'Eberhard Fetz' <Efetz@wanprc.org>; 'Eliza Curnow' <ecurnow@wanprc.org>; Elizabeth Nance <eanance@uw.edu>; 'Eric Hayes' <ehayes@wanprc.org>; 'Evan Eichler' <eee@gs.washington.edu>; Farinaz Shokri <nshokri@uw.edu>; 'Fatma Helmy' <fhelmy@desu.edu>; Frank A. Roberts <froberts@uw.edu>; Fred Rieke <riek@uw.edu>; 'Gary Dos Santos' <gary.dossantos@reachbio.com>; 'Gaska, Jenna M.' <jgaska@Princeton.EDU>; Greg D Horwitz <ghorwitz@uw.edu>; Guy Odom <godom@uw.edu>; Ian R. Sweet <isweet@uw.edu>; 'Ira

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Luteyn' <Robinm@wanprc.org>; Sandra Dross (sandra.dross@wanprc.org) <sandra.dross@wanprc.org>; Sunny Juul <sjuil@uw.edu>; Sara S Patterson <sarap44@uw.edu>; 'Schilder, Brian' <schilder@gwu.edu>; 'Shiu-Lok Hu' <Hus@wanprc.org>; 'Stephanie A. Tuck' <satuck@uw.edu>; 'Stephen Jenkinson' <Stephen.Jenkinson@pfizer.com>; Steve I. Perlmutter <perl@uw.edu>; 'Susan Cachel' <Cachel@rci.rutgers.edu>; Sylvia Chien <sylvia@uw.edu>; 'Thaddeus Golos' <golos@primate.wisc.edu>; Thalia Papayannopoulou <thalp@uw.edu>; Thanyanan Chaowanachan <thanya@uw.edu>; 'thmcbain' <thmcbain@uw.edu>; 'Thomas Greiner' <greiner.thom@uwilax.edu>; Thomas Lewis (thomas.lewis@wanprc.org) <thomas.lewis@wanprc.org>; 'TIFFANY A. PECOR' <pecort@uw.edu>; Timothy M. Rose <trose@uw.edu>; Thomas M Burbacher <tmb@uw.edu>; Tom Nagy @ Immco <TNAGY@immco.com>; Toni Haun <tonihaun@uw.edu>; 'Vasiliki Demas' <Vasiliki.Demas@LifeSpanBioSciences.com>; 'Kiem Lab' <KiemLab@wanprc.org>; 'Wayne Kung' <wkung@gene.com>; Weiling C King <weiling@uw.edu>; Bill Mahoney <wmahoney@uw.edu>; 'wuhx04@u.washington.edu' <wuhx04@u.washington.edu>; Yonghou Jiang <yhjiang@wanprc.org>; Yoshiko Kojima <ykojima@uw.edu>; Yvonne Cosgrove Sweeney <ytc@uw.edu>; Brian Broshdal (bbrosdahl@bioproscopy.com) <bbrosdahl@bioproscopy.com>; jaehyung <jaehyung@uw.edu>; aobadan; Ali Hajheidari <sahh1371@wanprc.org>; Azadeh Yazdan-Shahmorad <azadehy@uw.edu>; Baoping Tian <baoping@wanprc.org>; Becky Schaefer <rfschaefer@uw.edu>; Bneuro Nelson <bneuro.nelson@gmail.com>; 'Brian Agricola' <bagricola@wanprc.org>; 'Brooke Oettinger' <bcoettinger@wanprc.org>; 'Carole Elliott' <Carole@wanprc.org>; Carolina Berger <cberger@fhcr.org>; 'Charlene Miller' <charlene.m@wanprc.org>; Charles E Murry <murry@uw.edu>; Charlotte Hotchkiss <chotchki@wanprc.org>; 'Chris English' <chrise@wanprc.org>; Clayton Ferrier <cferrier@uw.edu>; 'Deb Bratt' <dabratt@wanprc.org>; Deborah L Fuller <fullerhd@uw.edu>; Dennis M Dacey <dmd@uw.edu>; Dorothy Patton <dpatton@uw.edu>; 'Doug Bowden' <Dbowden@wanprc.org>; 'Eberhard Fetz' <Efetz@wanprc.org>; 'Eliza Curnow' <ecurnow@wanprc.org>; 'Eric Hayes' <ehayes@wanprc.org>; 'Ernesto Coronado' <ernesto.coronado@wanprc.org>; jaehyung <jaehyung@uw.edu>; hernandj <hernandj@uw.edu>; Jenny Go <tisoncik@uw.edu>; Jesse C. Day <jessed10@uw.edu>; hoekman <hoekman@uw.edu>; 'Kathy L. Eiffert' <Keiffert@wanprc.org>; Kristina Adams Waldorf <adamsk@uw.edu>; 'LaRene Kuller' <Lkuller@wanprc.org>; 'Leonila Parrilla' <leonila@wanprc.org>; Lisa A. McConnachie; Mark Gilchrist <mg78@uw.edu>; 'Marty K. Hansen' <Mhansen@wanprc.org>; Michael J Gale <mgale@uw.edu>; Michael B. Manookin <manookin@uw.edu>; 'Mike Mustari' <mike.mustari@wanprc.org>; Millen, Kathleen (kathleen.millen@seattlechildrens.org) <kathleen.millen@seattlechildrens.org>; 'Noah Sather' <noah.sather@cidreasearch.org>; Noelle A McKain <liberato@uw.edu>; 'Patricia S. Firpo' <Patf@wanprc.org>; 'BMS' <BMS@wanprc.org>; rlp30 <rlp30@uw.edu>; petroffr; Robi Soetedjo <robi@uw.edu>; Sandra Dross (sandra.dross@wanprc.org) <sandra.dross@wanprc.org>; Sara S Patterson; 'Shiu-Lok Hu' <Hus@wanprc.org>; Steve I. Perlmutter <perl@uw.edu>; 'TBL (Tamar Boursalian)' <tbl@novonordisk.com>; Thomas B Lewis <tbLewis@uw.edu>; Timothy M. Rose <trose@uw.edu>; Toni Haun <tonihaun@uw.edu>; Tristan M. Nicholson <tristann@uw.edu>; 'Kiem Lab' <KiemLab@wanprc.org>; Yonghou Jiang <yhjiang@wanprc.org>; Yoshiko Kojima <ykojima@uw.edu>; Yvonne Cosgrove Sweeney <ytc@uw.edu>; 'David Plotnik' <dplotnik@wanprc.org>; 'HEATHER SIMMONS' <hsimmons@primate.wisc.edu>; 'Lucia Shumaker'; Melanie J. Shears <mshears@uw.edu>; 'Pilar Del Riego' <delriego@uw.edu>; Sean C. Murphy <murphyse@uw.edu>; WaNPRC Clinical Seattle <clinsea@uw.edu>; WaNPRC Husbandry ARCF <husbarcf@uw.edu>; WaNPRC Husbandry HSB <husbhsb@uw.edu>; WaNPRC Husbandry RR <husbrr@uw.edu>; WaNPRC Husbandry Western <husbwest@uw.edu>; u_wanprc_bms <u_wanprc_bms@uw.edu>; YeonJin Kim <yeonjink@uw.edu>; Kean Lab <keanlab@wanprc.org>; Wood, Matthew <Matthew.Wood@seattlechildrens.org>; Donald.Sodora@Seattlechildrens.org <Donald.Sodora@Seattlechildrens.org>; Erik D. Layton <laytoe@uw.edu>; Jon Rueckemann <jrueckemann@gmail.com>; ndembrow <ndembrow@uw.edu>; u_wanprc_nxbrain <u_wanprc_nxbrain@uw.edu>; Yasmine El-Shamayleh <yasmine.shamayleh@columbia.edu>; Abbas Rizvi <abbas.rizvi@columbia.edu>

Cc: matthew.thomas (matthew.thomas@covance.com) <matthew.thomas@covance.com>; Josefin Koehn <jkoehn@uw.edu>; wanprc_rssarcf@uw.edu <wanprc_rssarcf@uw.edu>; Strongin, Daniel E <dstrongi@fredhutch.org>; Jerome MD PhD, Keith R <kjerome@fredhutch.org>; Sandra Dross <sdross@uw.edu>; Allyse Mazzarelli <Allyse.Mazzarelli@sana.com>; Mark C Fernandez <markf2@uw.edu>; Josefin Koehn <jkoehn@uw.edu>; Eliza Curnow <rbg2@uw.edu>; stuck@morairmedtech.com <stuck@morairmedtech.com>; kelly.martins@pennmedicine.upenn.edu <kelly.martins@pennmedicine.upenn.edu>; Krystle Yu <krystleq@uw.edu>; Mohau S Makatsa <makatsa@uw.edu>; Shane D. Gibson <sgibso@uw.edu>; Kristina Adams Waldorf <adamsk@uw.edu>; Orvis, Austyn <austyn.orvis@seattlechildrens.org>; Jonathan An <joyan@uw.edu>; Devine, Nina Derby <Nina.Derby@seattlechildrens.org>; Edward Callaway <callaway@salk.edu>; Brian Lee <brianle@alleninstitute.org>; Soumya Chatterjee <soumyac@alleninstitute.org>; Carrie Rocca (carrie.rocca@sana.com) <carrie.rocca@sana.com>; Melissa R. Berg <mberg3@uw.edu>; Michelle Reniere <reniere@uw.edu>; Cortney R. Halsey <crrhalsey@uw.edu>; Eichholz, Karsten <keichhol@fredhutch.org>; Joseph Ecker <ecker@salk.edu>; Daisy Nakamura <daisy.nakamura@sana.com>; Stephanie Seeman <stephanies@alleninstitute.org>; Claudia Moreno <morenocm@uw.edu>; Steven M. Padilla <smpadill@uw.edu>; Thomas Long <thomasl@shapetx.com>; Brian Kalmbach <briank@alleninstitute.org>; Kimberly M. Alonge <kalonge@uw.edu>; Brenna Menz <bmenz@uw.edu>; Wang, Li <Li.Wang@ucsf.edu>; Mohau S Makatsa <makatsa@uw.edu>; Shena Geisinger <shena.geisinger@umoja-biopharma.com>; Yvonne Cosgrove Sweeney <ytc@uw.edu>; Laarni K. Aguila <laarni11@uw.edu>; Gwen Wood <gwenwood@uw.edu>; Claire N Levy <clairel@uw.edu>; howardustin@gwu.edu <howardustin@gwu.edu>; Paul Meyers <paul@shapetx.com>; wanprc_endpoint@uw.edu <wanprc_endpoint@uw.edu>; Rebecca Hodge (rebeccah@alleninstitute.org) <rebeccah@alleninstitute.org>; german gornalusse <ggornalu@fredhutch.org>

Subject: April 2022 TDP

Hello all,

Please see March April TDP

Please note any disclaimers on Animal ID's for surgical procedures or tissue availability.

Please send any surgical procedure requests or tissue requests to cne676@uw.edu or for any question/comments/concerns or changes to be requested.

***Please note change in euthanasia method. Animal will be exsanguinated via cardiac perfusion with Artificial CSF prior to organ removal to preserve Brain function. Lower descending vena cava and aorta will be clamped to limit solution to upper portion of the body. No physiological changes should be seen in other organs, and effects should be even less than typical pentobarbital euthanasia. I have attached the solution mix of the ACSF and pathology team is available to discuss any questions or concerns.**

Thanks,

-Chris English

Chris English- Research Scientist/Engineer 2
Tissue Distribution Program/RSG group @ WaNPRC
Office -206-616-8122
Cell-425-444-4212
8AM-4PM

April 2022

**Tissue Distribution Program
National Primate Research Center**

University of Washington
HSB I-092M, Box 357330
Seattle, WA 98195-7330

<i>Date</i>	<i>Day</i>	<i>Starting Time</i>	<i>Animal ID</i>	<i>Species</i>	<i>Sex</i>	<i>Age (yrs)</i>	<i>Weight (kg)</i>	<i>Room #</i>
4/12/22	Tues.	10:30AM	(*) Z18103	<i>M.nemestrina</i>	M	3yr 11mo	3.25kg	I031-B2
4/20/22	Wed.	10:30AM	(*) Z18121	<i>M.nemestrina</i>	M	3yr 10mo	3.65kg	I031-B2
4/26/22	Tues.	12:30PM	(#) K06239	<i>M.nemestrina</i>	F	15yr 6mo	7.8kg	I023-I2

*Animal is Valley Fever Positive

Animal will go to practice surgery to access femoral arteries/ ovary removal.
Ovaries are unavailable.

This list represents scheduled animals from which you may request tissues. We will make every effort to supply tissue when you request it, but cannot guarantee that every request will be filled. Please use the above list and FAX or email me to coordinate your request. **Completed Primate Tissue Request Forms must be received at least 24 hours prior to scheduled necropsy.**

Thank you for your research.

Thank you to the husbandry staff, veterinary staff, TDP/research support staff and BMS for the humane care provided to these important research animals during their time at the center.

Chris English
Tissue Program Coordinator
Phone: 206-616-8122
Email: cne676@uw.edu

NMDG-HEPES Recovery Solution (JT)

	mM	MW	g/L	g/500 mL	
NMDG	93	195.2	18.16	9.08	(10N stock)
HCl (see nc	93				
KCl	2.5	74.6	0.19	0.09	
NaH ₂ PO ₄	1.2	138.0	0.17	0.08	
NaHCO ₃	30	84.0	2.52	1.26	
HEPES	20	238.3	4.77	2.38	
Glucose	25	180.2	4.51	2.25	
sodium asc	5	198.0	0.99	0.50	(2M stock)
Thiourea	2	76.1	0.15	0.08	
sodium pyi	3	110.0	0.33	0.17	
MgSO ₄ ·7H	10	246.5	5 mL	2.5 mL	
CaCl ₂ ·2H ₂ O	0.5	147.0	250 uL	125 uL	

300-310 mOsm

adjust pH with 10N HCl

(titrate with ~8mL of 10N HCl to 1L)

To: Jesse C. Day[jessed10@uw.edu]
From: Megan L Jutras
Sent: Wed 9/29/2021 4:39:12 PM
Subject: RE: Other Terminal Buffalo Animal
Received: Fri 10/14/2022 2:15:53 PM

Surgery 9/16

In order to properly test and demonstrate the capabilities of the Brainsight robotic surgery system, 2 small burr holes were made in the skull and marker beads injected in 2 distinct brain regions to be used for visual confirmation of target accuracy during histology. Additionally, Brainsight was used to demonstrate the targeting system for chamber placement, although no chamber was attached to the skull. Finally the animal was sutured and euthanized.

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, September 29, 2021 9:32 AM
To: Megan L Jutras <mljutras@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Hi Megan,

For some reason, the email to confirm the description of this surgery isn't sending appropriately. Can you please send me a description here that I can add to the animal record for A17113 on 9/16?

Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

*The WaNPRC is supported by grant P51 OD010425 from the NIH Office of Research Infrastructure Programs.
Please help us continue to support your research by citing our grant number in publications.*

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, September 23, 2021 3:13 PM
To: Jesse C. Day <jessed10@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Thanks, this was a new process for me so I just wanted to make sure I understood correctly. This is helpful to know for any future TDP situations we may have. Yes, you can go ahead with the billing as you described.

Megan

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, September 23, 2021 3:11 PM
To: Megan L Jutras <mljutras@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Hi Megan,

The agreement was that we would keep the TDP assignment so that the terminal procedure could be done under that protocol, but that from the billing side it would be charged the same as a short-term terminal assignment. This means the slightly higher AUF, charges for procedures (MRI and terminal surgery), and the per diems for the period in between. This is in line with how we would charge other short-term terminal assignment neuro studies. I did check in with Charlotte to make sure there isn't anything else going on with this I wasn't aware of, but she's in agreement that this is appropriate in this case.

Since we have to do a lot of these as manually entries since we're not assigning the animal in the usual way, it might look a little funky on the statement compared to how it would usually appear, but I'll try to make it as clear as possible so you can see the separate line items.

Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, September 23, 2021 2:39 PM
To: Jesse C. Day <jessed10@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Hi Jesse, can we check with Charlotte on the per diem question? My understanding is that the MRI was part of the TDP program (we will certainly pay for the procedure and vet fees) but the animal remained under the TDP umbrella (for per diem) between MRI and surgery?

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, September 23, 2021 2:36 PM
To: Megan L Jutras <mljutras@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Hi Megan,

This is the animal that just went to TDP on 9/16, A17113, correct? This has been on the backburner for a bit so I just want to make sure that I'm billing this one appropriately since this was an unusual case. This will mean manually adding the per diems from MRI to necropsy date, and the appropriate use fee, which you would see on the September billing. Can you please confirm? I already have the TDP request so I have the budget to charge this all to.

Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Jesse C. Day
Sent: Friday, July 23, 2021 10:17 AM
To: Megan L Jutras <mljutras@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Hi Megan,

Thanks for providing the budget. There's probably a little bit of confusion on this between the billing side and the protocol side, so let me break it down so we're on the same page:

- The animal needs to be assigned to the standard colony protocol (4202-02) for the MRI, as the TDP protocol doesn't allow for recovery procedures.
- There are no more recovery procedures prior to the terminal surgery, so the animal is being moved back to TDP after the MRI.
- This is basically what we would normally do as a short-term terminal assignment, but in this case since the animal is not allotted on your protocol, we aren't. We will still however bill it the same way, so the charges for the short-term assignment

price and the per diems between MRI and Nx will still be charged manually as adjustments at the time of the necropsy and terminal procedure. The terminal surgery and necropsy will be billed as usual.

Hope that helps clear it all up!

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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Please help us continue to support your research by citing our grant number in publications.*

From: Megan L Jutras <mljutras@uw.edu>
Sent: Friday, July 23, 2021 10:06 AM
To: Jesse C. Day <jessed10@uw.edu>; Christopher English <cne676@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

That is correct, no other procedures until term surgery for this animal. The animal needed a pre-surgical MRI to confirm the targeting positions for the terminal training surgery on 9/16. Charlotte seemed to have a different understanding of the MRI rules for TDP, do you want to check in with her?
We will certainly pay for the scan and anesthetist time for MRI – but I believe Charlotte said the animal would stay in colony until assigned to TDP for the surgical procedure?
Hopefully I'm not making this more confusing, it would be best to get clarification from Charlotte in case I'm getting the terminology wrong.
Budget for Scan and term surgery will be 62-4497.
Thanks!

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, July 22, 2021 4:10 PM
To: Christopher English <cne676@uw.edu>
Cc: Megan L Jutras <mljutras@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Just to check – in addition to needing the budget for these charges, I wanted to ask if there's any other planned procedures for this animal prior to the terminal surgery? We can't do recovery procedures on the TDP protocol, so I just want to make sure that the animal is assigned to the appropriate protocol on the right dates.

Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Christopher English <cne676@uw.edu>
Sent: Thursday, July 22, 2021 12:19 PM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Megan L Jutras <mljutras@uw.edu>
Subject: RE: Other Terminal Buffalo Animal

Nevermind, it already happened on the 15th, A17113 is correct.

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, July 22, 2021 9:14 AM
To: Christopher English <cne676@uw.edu>
Subject: Other Terminal Buffalo Animal

Hi Chris,

Who's the other animal that you have slated for the terminal procedure demo for Buffalo and the other neuro labs? I know that this animal was slated to get an MRI prior to the procedure and we wanted it to be on the colony protocol for that, so I wanted to make sure it was moved over first. Bonus if you know the date of that MRI.

Thanks,

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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To: Christopher English[cne676@uw.edu]
Cc: Greg D Horwitz[ghorwitz@uw.edu]
From: Megan L Jutras
Sent: Fri 7/9/2021 5:26:58 PM
Subject: RE: Brainsight demo surgery 9/16
Received: Fri 10/14/2022 2:15:57 PM

Oh definitely, I'm aiming for closer to 2pm end time (but 4 would be the ABSOLUTE latest!).
Thanks for being so flexible!

From: Christopher English <cne676@uw.edu>
Sent: Friday, July 09, 2021 9:45 AM
To: Megan L Jutras <mljutras@uw.edu>
Cc: Greg D Horwitz <ghorwitz@uw.edu>
Subject: RE: Brainsight demo surgery 9/16

Sure. Is like 3-4 surgery end-time doable? I can plan childcare options around that this far in advance.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, July 8, 2021 1:29 PM
To: Christopher English <cne676@uw.edu>
Cc: Greg D Horwitz <ghorwitz@uw.edu>
Subject: Brainsight demo surgery 9/16

Hey Chris,

We have requested the TDP surgery date for our Brainsight system demo (Animal A17117) for Thursday 9/16.

As we discussed, we may need to go beyond the normal TDP necropsy end time so I will buy the animal so that we can have some additional time as needed.

It would be very useful to know how accurately this system can target small brain regions, so would you be able to debrain after we are done surgery so Greg can look for markers in the tissue?

What's a reasonable surgery end time so that we are not keeping you overly late that day?

Thanks,

Megan

Megan Jutras
University of Washington
WaNPRC Buffalo Lab
206-616-2561
mljutras@uw.edu

To: Christopher English[cne676@uw.edu]; Jesse C. Day[jessed10@uw.edu]
From: Megan L Jutras
Sent: Thur 4/8/2021 9:11:55 PM
Subject: Re: TDP surgery on May 5th
Received: Fri 10/14/2022 2:16:01 PM

We will keep start time at 8:30 (as originally scheduled). It is hard to estimate time since this procedure is all so new, but I would say by 2pm is likely.

From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 1:20 PM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Ok, Megan Britni doesn't want to change the start time but can go later. What do you guys think for estimated stop time?

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, April 8, 2021 12:41 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Sorry, lots of weird autocorrect in that last sentence.

We will buy this animal at the Federal rate for surgery on 5/5. Jesse, let me know what paperwork to complete. Thanks!

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, April 8, 2021 12:16 PM
To: Christopher English <cne676@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Thanks guys. We week but this animal at the Federal rate. Let me know what paperwork I need to do. Thanks

From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 10:53 AM
To: Jesse C. Day <jessed10@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Subject: Re: TDP surgery on May 5th

Yes Federal

-Chris

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, April 8, 2021 10:46 AM
To: Christopher English <cne676@uw.edu>; Megan L Jutras <mljutras@uw.edu>
Subject: RE: TDP surgery on May 5th

An animal for a TDP surgery is \$900.67 – this is federal rate, right? It's \$1,787.87 for non-fed, FYI.

Jesse Day
Administrator of Program Operations, ARD
Washington National Primate Research Center

(206)616-0154
jessed10@uw.edu

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From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 10:31 AM
To: Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>
Subject: Re: TDP surgery on May 5th

Hey Jesse,

Megan might need a longer day for the procedure that would go outside the TDP limits. How much for them to purchase Z14064.

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Thursday, April 8, 2021 10:21 AM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

What's the cost to buy, trying to stay economical

From: Christopher English <cne676@uw.edu>
Sent: Thursday, April 8, 2021 9:45 AM
To: Megan L Jutras <mljutras@uw.edu>
Subject: Re: TDP surgery on May 5th

Again this is the grey area, cutoff is 12:30 to make sure I can make it to shipping at 1 or DLX to VI&C so they get samples at a decent time, this also depending on what I sell, animal isn't posted yet. You guys sure you don't want to just buy the animal so you can have the longer day?

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Wednesday, April 7, 2021 3:20 PM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

I don't know anything about the CT yet. If you are sure the eye guys won't need this animal, we can probably start at 8 instead. I'll check with Britni. What's the hard stop time so you can get the tissue out?

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, April 7, 2021 3:02 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: RE: TDP surgery on May 5th

Possibly? Can you guys start earlier? I'm possibly overnighting samples to Boston and the dropoff is 1pm (I'll probably be pushing that)

How long does this CT take?

-Chris

From: Megan L Jutras <mljutras@uw.edu>

Sent: Wednesday, April 7, 2021 2:52 PM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

It will probably be Jon leading (Beth and our new post-doc Sofia Landi will also scrub in) and AJ Mallory and I will assist (AJ may scrub in since he will be handling the probes).

thanks for letting me know about the eyes.

Any chance we can go past 12:30? We are hoping to use the Murray CT scanner to see if we can visualize these electrodes in the brain after we've implanted.

thanks, as usual, for being awesome at coordinating all this mess-
Megan

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, April 7, 2021 2:47 PM
To: Megan L Jutras <mljutras@uw.edu>
Subject: RE: TDP surgery on May 5th

Great,

Is Beth the only surgeon or will Jon/someone else be there too?

I can just get the eyes at the end to maximize the time for you guys. They actually probably won't even want them since they can collect off Gregs animal that morning.

Thanks Megan!

-Chris

From: Megan L Jutras <mljutras@uw.edu>
Sent: Wednesday, April 7, 2021 2:33 PM
To: Christopher English <cne676@uw.edu>
Subject: Re: TDP surgery on May 5th

Hi Chris,

Our surgery on the 5th is an electrode implant technique practice with some new probes. We will need all the time we can get! The eyes can be sold as long as they are removed before we begin (our incision time is 8:30, we will need to stereotax about 8). We will have 1-2 small craniotomies with a chamber and protruding electrode. I believe the plan is for a decap.

Let me know what else you need.

Megan

From: Christopher English <cne676@uw.edu>
Sent: Wednesday, April 7, 2021 2:25 PM
To: Jonathan Ting <JonathanT@alleninstitute.org>
Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jon W Rueckemann <jwrueck@uw.edu>
Subject: RE: TDP surgery on May 5th

Jon 10:30 will work.

-Chris

From: Jonathan Ting <JonathanT@alleninstitute.org>
Sent: Wednesday, April 7, 2021 12:47 PM
To: Christopher English <cne676@uw.edu>
Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jon W Rueckemann <jwrueck@uw.edu>

Subject: Re: TDP surgery on May 5th

Hi All

The main issue I have is that I want to be present for necropsy and dissections of this monkey, but I am giving a seminar 9-10am that morning. That was why I set the necropsy start for 10:30am. Unfortunately I can't change the seminar time, but I can possibly just send my team for a 10am necropsy and have them bring the whole intact brain back to Allen. It's a little risky since we hope to do ephys on one or more sites. Ideally I would dissect the regions in the necropsy room and oxygenate the blocks on return to Allen as we usually do.

I could move our necropsy to May 6 10am if that is possible/available

Jonathan

Sent from my iPhone

On Apr 7, 2021, at 12:27 PM, Christopher English <cne676@uw.edu> wrote:

?

CAUTION: This email originated from outside the Allen Institute. Please do not click links or open attachments unless you've validated the sender and know the content is safe.

Actually yes!

Sorry I talked to Greg this morning at MRI, this is a decap procedure (thought it was a perfusion). So we should be able to handle both if Allen institute can accommodate.

Jon Ting- Can you collect earlier that day, maybe 10-11?

Jon R/Buffalo Lab, can you send me more surgery details, I've attached what's scheduled right now on the services site, it's just the basics..... I think I have an animal from Jesse so I can update that soon and add that in there.

-Chris

From: Elizabeth A. Buffalo <ebuffalo@uw.edu>

Sent: Wednesday, April 7, 2021 10:06 AM

To: Christopher English <cne676@uw.edu>

Cc: Megan L Jutras <mljutras@uw.edu>

Subject: RE: TDP surgery on May 5th

Hi Chris,

It looks like Greg is not able to move his Nx, and unfortunately, we are having trouble finding another open surgery day that works with our schedules. Since we will be doing a surgery with the TDP, and Greg is just doing a brain extraction, is there any chance you would have time to do both on 5/5? Feel free to call if it would be helpful to discuss: 206-543-1432 or cell (404-272-6173).

Thanks,
Beth

Elizabeth A. Buffalo, PhD

<image001.png>

Professor and Chair

Department of Physiology and Biophysics | **University of Washington School of Medicine**
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DEPARTMENT ADMINISTRATOR: Julia Lawrence | EMAIL: juliak2@uw.edu PHONE: 206.685.9406

From: Christopher English <cne676@uw.edu>

Sent: Monday, April 5, 2021 12:15 PM

To: Jon W Rueckemann <jwrueck@uw.edu>; WaNPRC Necropsy <necropsy@uw.edu>

Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>; Britni C. Curtis <britcurt@uw.edu>

Subject: RE: TDP surgery on May 5th

Hi all,

Just back today and catching up today as well. Per convo I had with Britni this morning, the 5th was looked at, sounds like Audrey B booked a research Nx with Greg H while it was still under consideration with your lab and Britni. Yes I think we are possibly looking at moving Greg if you guys are set on that date. Did you guys want to talk to him about moving dates at all? I haven't talked to him, don't know how anchored on that date he is.

-Chris

From: Jon W Rueckemann <jwrueck@uw.edu>

Sent: Monday, April 5, 2021 11:55 AM

To: Christopher English <cne676@uw.edu>; WaNPRC Necropsy <necropsy@uw.edu>

Cc: Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Jesse C. Day <jessed10@uw.edu>; Britni C. Curtis <britcurt@uw.edu>

Subject: TDP surgery on May 5th

Hi Chris and everyone -

The Buffalo lab is trying to schedule a TDP surgery to pilot some new probes. May 5th was mentioned as a possibility, and Megan has booked a surgery with Britni. (There was also mention of a necropsy for Greg that day, but I wasn't clear whether that was the same TDP animal.)

Megan is traveling now, so I'm pulling together the loose threads:

1. Did you get her TDP request that she sent last week?
2. Is that TDP animal double-booked for surgery (i.e. conflict with Horwitz)?

If we aren't all set, let me know what we need to straighten out. Thanks!

Best,

Jon

P.S. Welcome back! I hope dad life is treating you well, and you have some pictures to share the next time I see you downstairs.

On Thu, Mar 25, 2021 at 8:42 AM Britni C. Curtis <britcurt@uw.edu> wrote:

Hi Jon,

We know we have two dates reserved in mid-April for a visiting scientist, and Chris isn't back until 4/5, so your procedure would be later in April (somewhere in the last two weeks). Right now, April is pretty clear for surgeries, but as you know, things will fill up quickly. I could tentatively schedule you a date and then we would just need to find out about animal availability, once Chris is back. I can see his calendar too, so pending animal availability, I know the following won't have conflicts:

4/21, 4/22, 4/28

Let me know if we can reserve that for you.

Thanks

Britni

From: Jon W Rueckemann <jwrueck@uw.edu>

Sent: Wednesday, March 17, 2021 3:41 PM

To: WaNPRC Necropsy <necropsy@uw.edu>

Cc: Christopher English <cne676@uw.edu>; Elizabeth A. Buffalo <ebuffalo@uw.edu>; Megan L Jutras <mljutras@uw.edu>; Britni C. Curtis <britcurt@uw.edu>

Subject: TDP surgery in April

Hi Folks -

The Buffalo lab would like to reserve a TDP animal in April for a surgical pilot with the aim of developing techniques for implanting new probes. I know Chris is out on leave now, so I imagine that developing the April schedule might not happen in the typical way.

When it becomes clear that animals are available, please let us know. We will want to buy the brain afterward, but the eyes can be extracted before the surgery.

Let me know if I can provide any additional information.

Thank you

Best,
Jon

--

Jon Rueckemann, Ph.D.
Research Assistant Professor
University of Washington School of Medicine
Department of Physiology and Biophysics

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Jon Rueckemann, Ph.D.
Research Assistant Professor
University of Washington School of Medicine
Department of Physiology and Biophysics
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